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    "options": {
      "systemMessage": "You are a senior competitive analyst writing an Executive Summary for Wayfair's strategy team.\n\nTASK: Write a compelling Executive Summary comparing Wayfair vs Amazon and IKEA in this rug category.\n\nREQUIREMENTS:\n\n1. Lead with the single most important competitive insight.\n2. Include 5-6 key bullet points covering:\n\n    * Price positioning (Wayfair vs Amazon vs IKEA)\n    * Product assortment differences across all three retailers\n    * Rating and review comparison\n    * Key competitive advantage for Wayfair\n    * IKEA-specific opportunities or threats\n    * Main strategic opportunity for Wayfair\n3. Add a \"Strategic Implications\" paragraph of 2-3 sentences.\n4. Base all findings only on the product data provided. Do not invent missing prices, ratings, reviews, features, or assortment details.\n5. Clearly distinguish observed data patterns from strategic interpretation.\n\nOUTPUT FORMAT: HTML only, no markdown.\n\n<section class=\"executive-summary\">\n  <h2>Executive Summary</h2>\n  <div class=\"summary-hero\">\n    <div class=\"key-insight\">\n      <span class=\"label\">Key Competitive Insight</span>\n      <p>[Single most important finding about Wayfair vs Amazon vs IKEA]</p>\n    </div>\n    <div class=\"summary-points\">\n      <h3>Key Findings</h3>\n      <ul>\n        <li><strong>Price Positioning:</strong> [Insight comparing Wayfair, Amazon, and IKEA]</li>\n        <li><strong>Product Assortment:</strong> [Insight comparing assortment across all three retailers]</li>\n        <li><strong>Ratings & Reviews:</strong> [Insight based on available customer rating and review data]</li>\n        <li><strong>Wayfair Competitive Advantage:</strong> [Wayfair's strongest advantage based on the data]</li>\n        <li><strong>IKEA Opportunity or Threat:</strong> [Key competitive implication from IKEA's positioning]</li>\n        <li><strong>Strategic Opportunity:</strong> [Most important opportunity for Wayfair]</li>\n      </ul>\n    </div>\n    <div class=\"strategic-implications\">\n      <h3>Strategic Implications</h3>\n      <p>[Explain what these findings mean for Wayfair's merchandising, pricing, assortment, or positioning strategy in 2-3 sentences.]</p>\n    </div>\n  </section>\n"
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"text": "=CATEGORY: {{ $('Input Parser').first().json.categoryDisplayName }}\n\nAMAZON PRODUCTS:\n{{\n  JSON.stringify($('Reshape Amazon Response').first().json.amazonProducts?.slice(0, 10), null, 2) }}\n\nIKEA\nPRODUCTS:\n{{\n  JSON.stringify($('Reshape IKEA Response').first().json.ikeaProducts?.slice(0, 10), null, 2) }}",\n  "options": {\n    "systemMessage": "You are a marketplace analyst. Analyze Amazon and IKEA competitor products.\n\nTASK:\nCreate a Competitor Analysis section covering BOTH Amazon AND IKEA with clickable product links.\n\nIMPORTANT:\nWhen listing products in tables, wrap product names in anchor tags using their URL: <a\nhref=\"[product_url]\">[Product Name]</a>\n\nOnly use information that is present in the supplied product data.\nDo not invent prices, ratings, review counts, features, sizes, colors, brands, or URLs.\n\nINCLUDE:\n\n1. Amazon\nAnalysis:\n\n* Product count\n* Price range\n* Average rating, if rating data is available\n* Top 3\nperformers WITH clickable links to their URLs\n* Common product features or characteristics found in the\ndata\n\n2. IKEA Analysis:\n\n* Product count\n* Price range\n* Average rating, if rating data is\navailable\n* Top 3 performers WITH clickable links to their URLs\n* Common product features, styles, or\ncharacteristics found in the data\n\n3. Cross-Competitor Comparison:\n\n* Pricing differences between Amazon\nand IKEA\n* Product assortment differences\n* Rating/review differences, where data is available\n* Key\ndifferentiators\n* Differences in apparent customer positioning based only on the supplied product\ndata\n\nOUTPUT FORMAT: HTML only, no markdown.\n\n<section class=\"competitor-analysis\">\n  <h2>Competitor\nAnalysis</h2>\n  <div class=\"amazon-section\">\n    <h3>Amazon Overview</h3>\n    <div\nclass=\"stats-grid\">\n      <div class=\"stat-card\">\n        <span class=\"stat-value\">[Count]</span>\n        <span\nclass=\"stat-label\">Products Analyzed</span>\n      </div>\n      <div class=\"stat-card\">\n        <span\nclass=\"stat-value\">[Min] - [Max]</span>\n        <span class=\"stat-label\">Price Range</span>\n      </div>\n      <div class=\"stat-card\">\n        <span class=\"stat-value\">[Avg]/5 or N/A</span>\n        <span class=\"stat-label\">Avg\nRating</span>\n      </div>\n    </div>\n    <div class=\"top-performers\">\n      <h4>Top Amazon Products</h4>\n      <table\nclass=\"data-table\">\n        <thead>\n          <tr>\n            <th>Product</th>\n            <th>Price</th>\n            <th>Rating</th>\n          </tr>\n        </thead>\n        <tbody>\n          <tr>\n            <td><a\nhref=\"[full_amazon_url]\">[Product Name - shortened if needed]</a></td>\n            <td>[Price]</td>\n            <td><a\nhref=\"[full_amazon_url]\">[Product Name]</a></td>\n            <td>[Price]</td>\n            <td>[Rating] ([Review\nCount])</td>\n          </tr>\n        </tbody>\n      </table>\n    </div>\n    <div\nclass=\"common-features\">\n      <h4>Common Features</h4>\n      <ul>\n        <li>[Feature or characteristic 1]</li>\n        <li>[Feature or characteristic 2]</li>\n        <li>[Feature or characteristic 3]</li>\n        <li>[Feature or\ncharacteristic 4]</li>\n      </ul>\n    </div>\n  </div>\n  <div class=\"ikea-section\">\n    <h3>IKEA\nOverview</h3>\n    <div\nclass=\"stats-grid\">\n      <div class=\"stat-card\">\n        <span\nclass=\"stat-value\">[Count]</span>\n        <span\nclass=\"stat-label\">Products Analyzed</span>\n      </div>\n      <div class=\"stat-card\">\n        <span\nclass=\"stat-value\">[Min] - [Max]</span>\n        <span class=\"stat-label\">Price Range</span>\n      </div>\n      <div class=\"stat-card\">\n        <span\nclass=\"stat-value\">[Avg]/5 or N/A</span>\n        <span class=\"stat-label\">Avg Rating</span>\n      </div>\n    </div>\n    <div class=\"top-performers\">\n      <h4>Top IKEA Products</h4>\n      <table\nclass=\"data-table\">\n        <thead>\n          <tr>\n            <th>Product</th>\n            <th>Price</th>\n            <th>Rating</th>\n          </tr>\n        </thead>\n        <tbody>\n          <tr>\n            <td><a\nhref=\"[full_ikea_url]\">[Product Name - shortened if needed]</a></td>\n            <td>[Price]</td>\n            <td><a\nhref=\"[full_ikea_url]\">[Product\nName]</a></td>\n            <td>[Price]</td>\n            <td>[Rating] ([Review\nCount])</td>\n          </tr>\n        </tbody>\n      </table>\n    </div>\n    <div\nclass=\"common-features\">\n      <h4>Common Features & Styles</h4>\n      <ul>\n        <li>[Feature, material, or style\n1]</li>\n        <li>[Feature, material, or style 2]</li>\n        <li>[Feature, material, or style 3]</li>\n        <li>[Feature, material, or style 4]</li>\n      </ul>\n    </div>\n  </div>\n  <div\nclass=\"cross-comparison\">\n    <h3>Cross-Competitor Insights</h3>\n    <ul>\n      <li><strong>Pricing:</strong> [Compare\nAmazon and IKEA pricing using the supplied data]</li>\n      <li><strong>Assortment:</strong> [Compare\nproduct selection and observed styles]</li>\n      <li><strong>Ratings & Reviews:</strong> [Compare customer\nfeedback where available]</li>\n      <li><strong>Key Differentiators:</strong> [Explain what distinguishes Amazon\nfrom IKEA based on the data]</li>\n      <li><strong>Customer Positioning:</strong> [Describe apparent\npositioning supported by the product data]</li>\n    </ul>\n  </div>\n</section>\n\nCRITICAL:\n\n* Extract actual\nURLs from the product data and use them in href attributes.\n* Use full product URLs for Amazon and IKEA.\n* If a\nURL is not available, show the product name without a link.\n* If rating or review data is unavailable, display\n\"N/A\" rather than inventing a value.\n* Calculate price ranges and average ratings only from valid numeric\nvalues.\n* Truncate long product names to approximately 50 characters for readability.\n* Base all conclusions\nonly on the products supplied in this workflow run.\n\n"\n  },\n  "type": "@n8n/n8n-nodes-langchain.agent",\n  "typeVersion": 3.1,\n  "position": [\n    2224,\n    0\n  ],\n  "id": "6ff3cbbb-79ed-4b94-91c5-7ad3135e516b",\n  "name": "Amazon Analysis Generator",\n  {\n    "parameters": {\n      "model": "openrouter/free",\n      "options": {}\n    },\n    "type": "@n8n/n8n-nodes-langchain.lmChatOpenRouter",\n    "typeVersion": 1,
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PRODUCTS:\n{{ JSON.stringify($('Reshape Amazon Response').first().json.amazonProducts?.slice(0, 10), null, 2)
}}\n\nIKEA PRODUCTS:\n{{ JSON.stringify($('Reshape IKEA Response').first().json.ikeaProducts?.slice(0, 10), null,
2) }}",
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      "systemMessage": "You are a competitive intelligence analyst. Create a side-by-side comparison of Wayfair
vs Amazon vs IKEA.\n\nTASK: Create a comprehensive three-way Competitor Comparison table with clear winner
indicators.\n\nCOMPARE THESE ATTRIBUTES:\n\n1. Price Positioning (average, minimum, maximum for each
retailer)\n2. Product Variety / Count\n3. Rating Distribution\n4. Feature Highlights\n5. Size / Color Options\n6.
Shipping / Delivery\n\nIMPORTANT DATA RULES:\n\n* Base all calculations and conclusions only on the supplied
product data.\n* Do not invent missing ratings, reviews, brands, features, sizes, colors, shipping details, or
delivery information.\n* If a field is unavailable for a retailer, display \"N/A\".\n* Calculate averages only
from valid numeric values.\n* If there is not enough data to determine a winner for an attribute, use \"Tie\" or
\"Insufficient Data\".\n\nOUTPUT FORMAT: HTML only, no markdown.\n\n<section class=\"competitor-comparison\">\n
<h2>Side-by-Side Comparison</h2>\n\n <table class=\"comparison-table\">\n   <thead>\n     <tr>\n
<th>Attribute</th>\n     <th>Wayfair</th>\n     <th>Amazon</th>\n     <th>IKEA</th>\n
<th>Winner</th>\n   </tr>\n   <tbody>\n     <tr>\n       <td><strong>Price Positioning</strong></td>\n
<td>\n         Avg: $[X]<br>\n         Min: $[X]<br>\n         Max: $[X]\n       </td>\n       <td>\n         Avg:
$[X]<br>\n         Min: $[X]<br>\n         Max: $[X]\n       </td>\n       <td>\n         Avg: $[X]<br>\n         Min:
$[X]<br>\n         Max: $[X]\n       </td>\n       <td class=\"winner\">\n         <span class=\"winner-badge
[winner-class]\">[Winner Name]</span>\n       </td>\n     </tr>\n     <tr>\n       <td><strong>Product
Variety</strong></td>\n       <td>\n         [X] products<br>\n         Brands: [list or N/A]<br>\n         Styles: [list or
N/A]\n       </td>\n       <td>\n         [X] products<br>\n         Brands: [list or N/A]<br>\n         Styles: [list or N/A]\n
       </td>\n       <td>\n         [X] products<br>\n         Brands: [list or N/A]<br>\n         Styles: [list or N/A]\n
       </td>\n       <td class=\"winner\">\n         <span class=\"winner-badge [winner-class]\">[Winner Name or
Tie]</span>\n       </td>\n     </tr>\n     <tr>\n       <td><strong>Avg Rating</strong></td>\n       <td>\n         [X] / 5
stars<br>\n         ([X] - [X] reviews or N/A)\n       </td>\n       <td>\n         [X] / 5 stars<br>\n         ([X] - [X]
reviews or N/A)\n       </td>\n       <td>\n         [X] / 5 stars<br>\n         ([X] - [X] reviews or N/A)\n       </td>\n
       <td class=\"winner\">\n         <span class=\"winner-badge [winner-class]\">[Winner Name, Tie, or
Insufficient Data]</span>\n       </td>\n     </tr>\n     <tr>\n       <td><strong>Key Features</strong></td>\n       <td>\n
<ul>\n       <li>[Feature 1]</li>\n       <li>[Feature 2]</li>\n       <li>[Feature 3]</li>\n     </ul>\n
       </td>\n       <td>\n       <ul>\n       <li>[Feature 1]</li>\n       <li>[Feature 2]</li>\n       <li>[Feature
3]</li>\n     </ul>\n       </td>\n       <td>\n       <ul>\n       <li>[Feature 1]</li>\n       <li>[Feature
2]</li>\n       <li>[Feature 3]</li>\n     </ul>\n       </td>\n       <td class=\"winner\">\n         <span
class=\"winner-badge [winner-class]\">[Winner Name or Tie]</span>\n       </td>\n     </tr>\n     <tr>\n
       <td><strong>Size Options</strong></td>\n       <td>[Description of size range or N/A]</td>\n       <td>[Description of
size range or N/A]</td>\n       <td>[Description of size range or N/A]</td>\n       <td class=\"winner\">\n
<span class=\"winner-badge [winner-class]\">[Winner Name, Tie, or Insufficient Data]</span>\n       </td>\n     </tr>\n
     <tr>\n       <td><strong>Shipping</strong></td>\n       <td>[Shipping information or N/A]</td>\n       <td>[Shipping
information or N/A]</td>\n       <td>[Shipping information or N/A]</td>\n       <td class=\"winner\">\n
<span class=\"winner-badge [winner-class]\">[Winner Name, Tie, or Insufficient Data]</span>\n       </td>\n
     </tr>\n   </tbody>\n </table>\n\n <div class=\"comparison-insights\">\n   <h3>Key
Takeaways</h3>\n\n   <ul>\n     <li><strong>Price Leader:</strong> [Who has the strongest price positioning based
on the supplied data and why]</li>\n     <li><strong>Variety & Selection:</strong> [Compare assortment across
Wayfair, Amazon, and IKEA]</li>\n     <li><strong>Customer Confidence:</strong> [Rating and review insights based on
available data]</li>\n     <li><strong>Practical Features:</strong> [Compare observed product features]</li>\n
     <li><strong>Shipping Convenience:</strong> [Compare only if shipping data is available; otherwise state that the
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supplied dataset does not support a comparison]</li>\n <li><strong>Overall:</strong> [Summarize where each
retailer appears strongest based only on the supplied data]</li>\n</ul>\n```\n\n
</div>\n</section>\n\n<style>\n.winner-badge {\n  display: inline-block;\n  padding: 4px 12px;\n  border-radius:
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#065f46;\n}\n\n.winner-amazon {\n  background: #fef3c7;\n  color: #92400e;\n}\n\n.winner-ikea {\n  background:
#d4bfa8;\n  color: #8b4513;\n}\n\n.winner-tie {\n  background: #f3f4f6;\n  color:
#374151;\n}\n\n.winner-insufficient {\n  background: #f3f4f6;\n  color: #6b7280;\n}\n</style>\n\nWINNER CLASS
RULES:\n\n* If Wayfair wins: use class=\"winner-wayfair\"\n* If Amazon wins: use class=\"winner-amazon\"\n* If
IKEA wins: use class=\"winner-ikea\"\n* If Tie: use class=\"winner-tie\"\n* If there is insufficient data: use
class=\"winner-insufficient\"\n\nIMPORTANT:\n\n* Calculate actual averages from the supplied product data.\n*
Compare only the products included in this workflow run.\n* Be objective and select winners based on available
data.\n* Use \"Tie\" when competitors are reasonably comparable.\n* Use \"Insufficient Data\" when the dataset
does not support a reliable comparison.\n* Include the inline style block at the end for winner badges.\n"
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  title: p.title,\n  price: p.price,\n  list_price: p.list_price,\n  discount: p.discount_percent\n
}))\n  .slice(0, 10),\n  null,\n  2\n)}}\n\nAMAZON PRODUCTS (prices):\n{{ JSON.stringify(\n  $('Reshape
Amazon Response').first().json.amazonProducts\n?.map(p => ({\n  name: p.name,\n  price: p.price\n
}))\n  .slice(0, 10),\n  null,\n  2\n)}}\n\nIKEA PRODUCTS (prices):\n{{ JSON.stringify(\n  $('Reshape
IKEA Response').first().json.ikeaProducts\n?.map(p => ({\n  name: p.name,\n  price: p.price\n
}))\n  .slice(0, 10),\n  null,\n  2\n)}}",
      "options": {
        "systemMessage": "You are a pricing strategist. Analyze pricing across Wayfair, Amazon, and IKEA.\n\nTASK:
Create Pricing Insights & Whitespace Analysis with visual elements.\n\nANALYZE:\n\n1. Price band distribution per
competitor:\n\n  * Budget: under $100\n  * Mid: $100-$300\n  * Premium: $300+\n\n2. Count products in each price
band for each retailer\n\n3. Discount strategies where discount data is available\n\n4. Price gaps and underserved
segments\n\n5. Whitespace opportunities for Wayfair, prioritized as High / Medium / Low\n\n\nDATA RULES:\n\n* Use
only the supplied product data.\n* Do not invent prices, discounts, promotions, or assortment details.\n* If
discount information is not available for Amazon or IKEA, explicitly state \"Discount data not available\" rather
than estimating.\n* Use valid numeric prices only when calculating price bands.\n* Base whitespace opportunities
on observable differences in the supplied dataset.\n* Treat the dataset as a sample of the analyzed products, not
the retailer's entire catalog.\n\n\nOUTPUT FORMAT: HTML only, no markdown.\n\n<section
class=\"pricing-whitespace\">\n  <h2>Pricing Insights</h2>\n  <div class=\"price-bands\">\n    <h3>Price
Distribution by Retailer</h3>\n    <div class=\"band-chart\">\n      <div class=\"band budget\">\n        <span>Budget
(&lt;$100)</span>\n        <span>W: [X] | A: [Y] | I: [Z]</span>\n      </div>\n      <div class=\"band mid\">\n        <span>Mid
($100-$300)</span>\n        <span>W: [X] | A: [Y] | I: [Z]</span>\n      </div>\n      <div class=\"band premium\">\n
        <span>Premium ($300+)</span>\n        <span>W: [X] | A: [Y] | I: [Z]</span>\n      </div>\n    </div>\n    <div
class=\"insights\">\n      <p><strong>Analysis:</strong> [2-3 sentences explaining the observed price distribution
patterns across Wayfair, Amazon, and IKEA.]</p>\n    </div>\n    <div
class=\"discount-strategies\">\n      <h3>Discount Strategies</h3>\n      <div class=\"discount-chart\">\n        <div
class=\"discount-tier\">\n          <span>No Discount</span>\n          <span>[Wayfair count if supported]</span>\n        </div>\n        <div
class=\"discount-tier\">\n          <span>1-30% Off</span>\n          <span>[Wayfair count if supported]</span>\n        </div>\n        <div
class=\"discount-tier\">\n          <span>31-50% Off</span>\n          <span>[Wayfair count if
supported]</span>\n        </div>\n        <div class=\"discount-tier\">\n          <span>50%+ Off</span>\n          <span>[Wayfair
count if supported]</span>\n        </div>\n      </div>\n      <div class=\"insights\">\n        <p><strong>Key Insight:</strong>
[Describe observed discount behavior. Clearly note when Amazon or IKEA discount data is
unavailable.]</p>\n      </div>\n    </div>\n  <h2>Whitespace Analysis</h2>\n  <div
class=\"whitespace-opportunities\">\n    <h3>Market Gaps & Opportunities</h3>\n    <div
class=\"opportunity-cards\">\n      <div class=\"opportunity-card high-priority\">\n        <h4>Ⓢ [High Priority
Opportunity Title]</h4>\n        <p>[Describe the observed gap, relevant price range, competitive context, and why it
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for Wayfair.]</p>\n <span class=\"priority\">High Priority</span>\n <div class=\"rational\">\n
<p><strong>Why?</strong> [Brief data-supported justification]</p>\n </div>\n </div>\n\n <div
class=\"opportunity-card high-priority\">\n <h4>🔴 [Another High Priority Opportunity]</h4>\n <p>[Describe
another data-supported opportunity.]</p>\n <span class=\"priority\">High Priority</span>\n <div
class=\"rational\">\n <p><strong>Why?</strong> [Brief data-supported justification]</p>\n </div>\n
</div>\n\n <div class=\"opportunity-card medium-priority\">\n <h4>⚡ [Medium Priority Opportunity]</h4>\n
<p>[Description based on pricing or assortment gaps]</p>\n<span class=\"priority\">Medium Priority</span>\n
</div>\n\n <div class=\"opportunity-card low-priority\">\n <h4>🟡 [Low Priority Opportunity]</h4>\n
<p>[Lower-priority or exploratory opportunity supported by the data]</p>\n <span class=\"priority\">Low
Priority</span>\n </div>\n\n</div>\n```\n\n </div>\n\n <div class=\"price-gaps\">\n <h3>Price Gap
Heatmap</h3>\n\n```\n<div class=\"heatmap\">\n <div class=\"gap [hot/warm/moderate/cool/open]\">\n
<span>$0-$50</span>\n <span>[Competition level and retailers represented]</span>\n </div>\n\n <div
class=\"gap [hot/warm/moderate/cool/open]\">\n <span>$50-$100</span>\n <span>[Competition level and
retailers represented]</span>\n </div>\n\n <div class=\"gap [hot/warm/moderate/cool/open]\">\n
<span>$100-$200</span>\n <span>[Competition level and retailers represented]</span>\n </div>\n\n <div
class=\"gap [hot/warm/moderate/cool/open]\">\n <span>$200-$400</span>\n <span>[Competition level and
retailers represented]</span>\n </div>\n\n <div class=\"gap [hot/warm/moderate/cool/open]\">\n
<span>$400+</span>\n <span>[Competition level and retailers represented]</span>\n </div>\n</div>\n```\n\n
</div>\n\n</section>\n\nIMPORTANT:\n\n* Use actual product counts from the supplied data for each price band.\n*
Include 2-3 High Priority opportunities, 1-2 Medium Priority opportunities, and 1 Low Priority opportunity.\n*
Make the heatmap reflect the actual competition level shown by the product sample.\n* Do not automatically label
any price range as \"High Competition\" or \"Opportunity Zone\"; determine this from the data.\n* Use emojis as
shown: 🔴, ⚡, 🟡, 🔥, ⚠️, 🟢.\n* W = Wayfair, A = Amazon, I = IKEA in the band chart.\n* If a retailer has zero
valid products in a price band, show 0.\n* If discount data is missing for a retailer, say so explicitly rather
than making assumptions.\n"
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& WHITESPACE:\n{{ $('Pricing & Whitespace Generator').first().json.output }}",
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IKEA, provide actionable recommendations for Wayfair.\n\nTASK: Create Strategic Recommendations with clear
prioritization and visual hierarchy.\n\nPROVIDE:\n\n1. 2-3 Quick Wins (immediate actions, high impact)\n2. 3-4
Strategic Initiatives (longer-term plays)\n3. Each recommendation must include:\n\n    * Title\n    * Description\n\n
* Priority level\n    * Expected impact\n4. At least one recommendation should specifically address IKEA
competition.\n5. At least one recommendation should specifically address Amazon competition.\n6. Recommendations
should be based only on findings from the supplied analysis.\n\nOUTPUT FORMAT: HTML only, no
markdown.\n\n<section class=\"recommendations\">\n <h2>Strategic Recommendations</h2>\n\n <div
class=\"quick-wins\">\n <h3>🚀 Quick Wins (Immediate Actions)</h3>\n\n```\n<div class=\"rec-card priority-high\">\n <h4>1. [Recommendation Title]</h4>\n <p>[Detailed description
in 2-3 sentences explaining what Wayfair should do, why it matters, and which competitor this addresses: Amazon,
IKEA, or both.]</p>\n\n <div class=\"rec-meta\">\n <span class=\"priority\">High Priority</span>\n
<span class=\"impact\">Impact: High</span>\n </div>\n </div>\n\n <div class=\"rec-card
priority-high\">\n <h4>2. [Recommendation Title]</h4>\n<p>[Detailed description addressing a specific
competitor threat, pricing gap, assortment opportunity, or customer need identified in the analysis.]</p>\n\n<div
class=\"rec-meta\">\n <span class=\"priority\">High Priority</span>\n <span class=\"impact\">Impact:
High</span>\n </div>\n </div>\n\n <div class=\"rec-card priority-high\">\n <h4>3. [Optional Third Quick
Win]</h4>\n <p>[Use only if the supplied analysis supports a distinct additional immediate action.]</p>\n\n
<div class=\"rec-meta\">\n <span class=\"priority\">High Priority</span>\n <span
class=\"impact\">Impact: High</span>\n </div>\n </div>\n\n</div>\n\n </div>\n\n <div

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class="strategic-plays">\n      <h3><img alt="Strategic Initiatives icon" data-bbox="333 18 348 33"/> Strategic Initiatives</h3>\n\n`<\n<div class="rec-cards">\n\n  <div class="rec-card priority-high">\n    <h4>4. [Strategic Initiative Title]</h4>\n    <p>[Explain the longer-term strategy, the competitor gap it addresses, and the expected benefit for Wayfair.]</p>\n\n    <div class="rec-meta">\n      <span class="priority">High Priority</span>\n      <span class="impact">Impact: High</span>\n    </div>\n  </div>\n`<\n`<
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<title>Competitor Analysis Report - ${category}</title>\n\n <link\nhref=\"https://fonts.googleapis.com/css2?family=Inter:wght@400;500;600;700&display=swap\"</link>\nrel=\"stylesheet\"</link>\n\n <style>\n\n    :root {\n        --primary: #7C3AED;\n        --primary-light: #A78BFA;\n        --success: #059669;\n        --warning: #D97706;\n        --danger: #DC2626;\n        --gray-50: #F9FAFB;\n        --gray-100: #F3F4F6;\n        --gray-200: #E5E7EB;\n        --gray-500: #6B7280;\n        --gray-700: #374151;\n        --gray-900: #111827;\n    }\n\n    * {\n        box-sizing: border-box;\n        margin: 0;\n        padding: 0;\n    }\n\n    body {\n        font-family: 'Inter', -apple-system, BlinkMacSystemFont, sans-serif;\n        line-height: 1.6;\n        color: var(--gray-700);\n        background: var(--gray-50);\n        padding: 2rem;\n    }\n\n    .report-container {\n        max-width: 1200px;\n        margin: 0 auto;\n        background: white;\n        border-radius: 12px;\n        box-shadow: 0 4px 6px -1px rgba(0,0,0,0.1);\n        overflow: hidden;\n    }\n\n    .report-header {\n        background: linear-gradient(135deg, var(--primary) 0%,\n        #5B21B6 100%);\n        color: white;\n        padding: 3rem;\n        text-align: center;\n    }\n\n    .report-header h1 {\n        font-size: 2.5rem;\n        font-weight: 700;\n        margin-bottom: 0.5rem;\n    }\n\n    .report-header .subtitle {\n        opacity: 0.9;\n        font-size: 1.1rem;\n    }\n\n    .report-content {\n        padding: 2rem 3rem;\n    }\n\n    .section {\n        border-bottom: 1px solid var(--gray-200);\n        padding-bottom: 2rem;\n    }\n\n    .section:last-child {\n        border-bottom: none;\n    }\n\n    h2 {\n        color: var(--gray-900);\n        font-size: 1.75rem;\n        font-weight: 600;\n        margin-bottom: 1.5rem;\n        padding-bottom: 0.5rem;\n        border-bottom: 3px solid var(--primary);\n        display: inline-block;\n    }\n\n    h3 {\n        color: var(--gray-700);\n        font-size: 1.25rem;\n        font-weight: 600;\n        margin: 1.5rem 0 1rem 0;\n    }\n\n    h4 {\n        color: var(--gray-700);\n        font-size: 1rem;\n        font-weight: 600;\n        margin-bottom: 0.5rem;\n    }\n\n    /* =====\nScope & Statistics\n    ===== */\n\n    .scope-grid,\n    .stats-grid,\n    .profile-grid {\n        display: grid;\n        grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));\n        gap: 1.5rem;\n        margin: 1rem 0;\n    }\n\n    .scope-card,\n    .stat-card,\n    .profile-card {\n        background: var(--gray-50);\n        padding: 1.5rem;\n        border-radius: 8px;\n        border: 1px solid var(--gray-200);\n    }\n\n    .scope-value,\n    .stat-value {\n        font-size: 1.5rem;\n        font-weight: 700;\n        color: var(--primary);\n    }\n\n    .stat-label {\n        display: block;\n        font-size: 0.875rem;\n        color: var(--gray-500);\n        margin-top: 0.25rem;\n    }\n\n    /* =====\nExecutive Summary\n    ===== */\n\n    .summary-hero {\n        background: linear-gradient(135deg, #F3E8FF 0%, #E0E7FF 100%);\n        padding: 2rem;\n        border-radius: 12px;\n        margin-bottom: 1.5rem;\n    }\n\n    .key-insight .label {\n        background: var(--primary);\n        color: white;\n        padding: 0.25rem 0.75rem;\n        border-radius: 4px;\n        font-size: 0.75rem;\n        font-weight: 600;\n        text-transform: uppercase;\n    }\n\n    .key-insight p {\n        font-size: 1.25rem;\n        font-weight: 500;\n        color: var(--gray-900);\n        margin-top: 1rem;\n    }\n\n    .summary-points ul,\n    .feature-analysis ul {\n        list-style: none;\n        padding: 0.75rem 0;\n        border-bottom: 1px solid var(--gray-100);\n    }\n\n    .data-table,\n    .comparison-table {\n        width: 100%;\n        border-collapse: collapse;\n        margin: 1rem 0;\n    }\n\n    .data-table th,\n    .comparison-table th {\n        background: var(--gray-100);\n        padding: 1rem;\n        text-align: left;\n        font-weight: 600;\n    }\n\n    .data-table td,\n    .comparison-table td {\n        padding: 1rem;\n        border-bottom: 1px solid var(--gray-200);\n        vertical-align: top;\n    }\n\n    .data-table a {\n        color: var(--primary);\n        text-decoration: none;\n        font-weight: 500;\n    }\n\n    .data-table a:hover {\n        text-decoration: underline;\n    }\n\n    /* =====\nWinner Badges\n    ===== */\n\n    .winner {\n        font-weight: 600;\n    }\n\n    .winner-badge {\n        display: inline-block;\n        padding: 4px 12px;\n        border-radius: 20px;\n        font-weight: 600;\n        font-size: 0.85rem;\n    }\n\n    .winner-wayfair {\n        background: #D1FAE5;\n        color: #065F46;\n    }\n\n    .winner-amazon {\n        background: #FEF3C7;\n        color: #92400E;\n    }\n\n    .winner-ikea {\n        background: #F3F4F6;\n        color: #374151;\n    }\n\n    .winner-tie {\n        background: #F3F4F6;\n        color: #374151;\n    }\n\n    .winner-insufficient {\n        background: #F3F4F6;\n        color: #6B7280;\n    }\n\n    /* =====\nPricing Bands\n    ===== */\n\n    .band-chart {\n        display: flex;\n        gap: 10px;\n        margin: 20px 0;\n        flex-wrap: wrap;\n    }\n\n    .band {\n        flex: 1;\n        min-width: 150px;\n        padding: 20px 15px;\n        border-radius: 8px;\n        color: white;\n        text-align: center;\n        font-weight: bold;\n        box-shadow: 0 2px 4px rgba(0,0,0,0.1);\n    }\n\n    .band span {\n        display: block;\n    }\n\n    .band span:first-child {\n        font-size: 0.9rem;\n        margin-bottom: 8px;\n        opacity: 0.9;\n    }\n\n    .band span:last-child {\n        font-size: 1.1rem;\n    }\n\n    .band.budget {\n        background: linear-gradient(135deg, #E74C3C 0%, #C0392B 100%);\n    }\n\n    .band.mid {\n        background: linear-gradient(135deg, #D68910 100%, #27AE60 0%, #1E8449 100%);\n    }\n\n    .band.premium {\n        background: linear-gradient(135deg, #F39C12 0%, #D68910 100%);\n    }\n\n    /* =====\nDiscount Tiers\n    ===== */\n\n    .discount-chart {\n        display: flex;\n        gap: 10px;\n        margin: 20px 0;\n        flex-wrap: wrap;\n    }\n\n    .discount-tier {\n        flex: 1;\n        min-width: 120px;\n        padding: 15px;\n        background: var(--gray-100);\n        border-radius: 8px;\n        text-align: center;\n        border: 1px solid var(--gray-200);\n    }\n\n    .discount-tier span:first-child {\n        font-size: 0.85rem;\n        color: var(--gray-500);\n        margin-bottom: 5px;\n    }\n\n    .discount-tier span:last-child {\n        font-size: 1.25rem;\n        font-weight: 700;\n        color: var(--primary);\n    }\n\n    /* =====\nOpportunity Cards\n    ===== */\n\n    .opportunity-cards {\n        display: grid;\n        grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));\n        gap: 20px;\n        margin-top: 20px;\n    }\n\n    .opportunity-card,\n    .rec-card {\n        background: white;\n        border: 1px solid var(--gray-200);\n        border-radius: 8px;\n        padding: 1.5rem;\n        margin-bottom: 1rem;\n        box-shadow: 0 2px 4px rgba(0,0,0,0.05);\n    }\n\n    .opportunity-card.high-priority {\n        border-left: 4px solid #E74C3C;\n        background-color: #FDF2F2;\n    }\n\n    .opportunity-card.medium-priority {\n        border-left: 4px solid #F39C12;\n        background-color: #FFFBF0;\n    }\n\n    .opportunity-card.low-priority {\n        border-left: 4px solid #3498DB;\n        background-color: #F0F7FF;\n    }\n\n    .rec-card.priority-high {\n        border-left: 4px solid #E74C3C;\n        background-color: #FDF2F2;\n    }\n\n    .rec-card.priority-medium {\n        border-left: 4px solid #F39C12;\n        background-color: #FFFBF0;\n    }\n\n    .rec-card.priority-low {\n        border-left: 4px solid #3498DB;\n        background-color: #F0F7FF;\n    }\n\n    /* =====\nBadges\n    ===== */\n\n    .priority {\n        display: inline-block;\n        margin-top: 10px;\n    }
```

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0px;\n        padding: 4px 12px;\n        border-radius: 20px;\n        font-size: 0.75rem;\n        font-weight: 600;\n        text-transform: uppercase;\n    }\n\n    .high-priority .priority,\n    .priority-high .priority {\n        background-color: #E74C3C;\n        color: white;\n    }\n\n    .medium-priority .priority,\n    .priority-medium .priority {\n        background-color: #F39C12;\n        color: white;\n    }\n\n    .low-priority .priority,\n    .priority-low .priority {\n        background-color: #3498DB;\n        color: white;\n    }\n\n    /* =====\n    Price Gap Heatmap\n    ===== */\n\n    margin-top: 20px;\n    }\n\n    .gap {\n        display: flex;\n        justify-content: space-between;\n        align-items: center;\n        gap: 1rem;\n        padding: 12px 16px;\n        margin: 8px 0;\n        border-radius: 6px;\n        font-weight: 500;\n    }\n\n    .gap span:last-child {\n        font-weight: 600;\n    }\n\n    .gap.hot {\n        background-color: #FDE8E8;\n        color: #991B1B;\n    }\n\n    .gap.warm {\n        background-color: #FEF3C7;\n        color: #92400E;\n    }\n\n    .gap.moderate {\n        background-color: #FEF9C3;\n        color: #854D0E;\n    }\n\n    .gap.cool,\n    .gap.open {\n        background-color: #D1FAE5;\n        color: #065F46;\n    }\n\n    /* =====\n    Recommendations\n    ===== */\n\n    .rec-cards {\n        display: grid;\n        gap: 1rem;\n        margin-top: 1rem;\n    }\n\n    .rec-meta {\n        display: flex;\n        gap: 1rem;\n        align-items: center;\n        margin-top: 1rem;\n        padding-top: 1rem;\n        border-top: 1px solid var(--gray-100);\n        flex-wrap: wrap;\n    }\n\n    .impact {\n        color: var(--gray-500);\n        font-size: 0.875rem;\n    }\n\n    /* =====\n    Insights\n    ===== */\n\n    .insights,\n    .rationale {\n        background-color: var(--gray-50);\n        padding: 12px 16px;\n        border-radius: 6px;\n        margin-top: 12px;\n        font-size: 0.9rem;\n        border-left: 3px solid var(--primary-light);\n    }\n\n    Responsive Tables\n    ===== */\n\n    @media (max-width: 800px) {\n        body {\n            padding: 0.75rem;\n        }\n\n        .report-content {\n            padding: 1.5rem;\n        }\n\n        .report-header {\n            padding: 2rem 1rem;\n        }\n\n        .report-header h1 {\n            font-size: 2rem;\n        }\n\n        .data-table,\n        .comparison-table {\n            font-size: 0.85rem;\n        }\n\n        .data-table th,\n        .data-table td,\n        .comparison-table th,\n        .comparison-table td {\n            padding: 0.65rem;\n        }\n    }\n\n    /* =====\n    Footer\n    ===== */\n\n    .report-footer {\n        background: var(--gray-100);\n        padding: 1.5rem 3rem;\n        text-align: center;\n        font-size: 0.875rem;\n        color: var(--gray-500);\n    }\n</style>\n</head>\n<body>\n<div class=\"report-container\">\n    <header class=\"report-header\">\n        <h1>Competitor Analysis Report</h1>\n        <p class=\"subtitle\">\n            ${category} - Wayfair vs Amazon vs IKEA\n        </p>\n    </header>\n    <main class=\"report-content\">\n        ${execSummary}\n        ${scopeHtml}\n        ${competitorAnalysis}\n        ${comparison}\n        ${pricingWhitespace}\n        ${recommendations}\n        ${supplierIdentification}\n    </main>\n    <footer class=\"report-footer\">\n        <p>\n            Generated on\n            ${new Date().toLocaleDateString('en-US', {\n                year: 'numeric',\n                month: 'long',\n                day: 'numeric'\n            })}\n            | Wayfair Competitive Intelligence\n        </p>\n    </footer>\n</div>\n</body>\n</html>";\n\nreturn [{\n    json: {\n        output: fullHtml,\n        sections: {\n            scope: !!scopeHtml,\n            executive: !!execSummary,\n            competitorAnalysis: !!competitorAnalysis,\n            comparison: !!comparison,\n            pricing: !!pricingWhitespace,\n            recommendations: !!recommendations,\n            supplierIdentification: !!supplierIdentification\n        },\n        retailers: [\n            'Wayfair',\n            'Amazon',\n            'IKEA'\n        ],\n        category,\n        generatedAt: new Date().toISOString()\n    }},\n    {\n        type: "n8n-nodes-base.code",\n        typeVersion: 2,\n        position: [\n            4816,\n            0\n        ],\n        id: "c28872df-f855-483b-a8d0-9955d1025487",\n        name: "HTML Assembler"\n    },\n    {\n        parameters: {\n            jsCode: `// === INPUT: Raw LLM output (string) from previous node ===\nlet html = $input.first().json.output || \"\\n\\n\\n// 1. Remove Markdown code fences\nhtml = html.replace(/```html|```/g, '\\n\\n').trim();\n// 2. Un-escape newlines / tabs / carriage returns and collapse excess whitespace\nhtml = html.replace(/\\\\\\\\\\\\\\\\\\\\n/g, '\\n').replace(/\\\\\\\\\\\\\\\\t/g, '\\t').replace(/\\\\\\\\\\\\r/g, '\\r').replace(/\\\\\\\\s{2,}/g, '\\n');\n// multiple spaces → one space\nhtml = html.replace(/\\\\\\\\\\\\\\\\s+\\\\\\\\\\\\\\\\/g, '\\n').replace(/\\\\\\\\\\\\\\\\s+\\\\\\\\\\\\\\\\/g, '\\n'); // blank lines → single newline\nhtml = html.trim();\n// 3. Remove any duplicate/malformed wrappers that the LLM might have added\nhtml = html.replace(/<\\\\\\\\/?(html|body)>/gi, '\\n').replace(/<!DOCTYPE\\\\\\\\s+html?>/gi, '\\n');\n// strip stray doctype\nhtml = html.trim();\n// 4. Ensure a **single** valid HTML5 skeleton\nif (!/<!DOCTYPE\\\\\\\\s+html/i.test(html)) {\n    html = '<!DOCTYPE html>' + html;\n}\nif (!/<html\\\\\\\\s+/i.test(html)) {\n    html = '<html lang=\\\\\\\\en\\\\\\\\>' + html;\n}\nif (!/<body\\\\\\\\s+/i.test(html)) {\n    html = html.replace(/^(.*)<html[>]*>/i, '$1<html lang=\\\\\\\\en\\\\\\\\><body>' + html);\n    html += '\\n</body>';\n}\nif (!/<\\\\\\\\/html>/i.test(html)) {\n    html += '\\n</html>';\n}\n// 5. Light minify - keep all styles, just remove empty lines between tags\nhtml = html.replace(/>\\\\\\\\\\\\\\\\s*</g, '><');\n// === OUTPUT: Clean, untouched-style HTML ===\nreturn [{\n    json: {\n        cleaned_html: html,\n        // full readable HTML (preserves all CSS)\n        minified_html: html.replace(/\\\\\\\\s+/g, '\\n'), // optional one-liner version\n        agent_id: 3,\n        debug: {\n            original_length: ($input.first().json.output || '\\n\\n').length,\n            cleaned_length: html.length,\n            fences_removed: true,\n            wrappers_fixed: true\n        }\n    }},\n    {\n        type: "n8n-nodes-base.code",\n        typeVersion: 2,\n        position: [\n            5008,\n            0\n        ],\n        id: "a336e23c-ab80-43a1-a446-85176ff14425",\n        name: "Clean AI output"\n    }\n];`
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    },
    {
      "parameters": {
        "jsCode": "// Create downloadable HTML file\nconst html = $input.first().json.minified_html ||\n$input.first().json.cleanedHtml || $input.first().json.html || '';\nconst category = $('Input\nParser').first().json.categoryDisplayName || 'Rug';\n\n// Generate filename matching P2's pattern:\n<category_slug>_competitor_report_<YYYY-MM-DD>.html\nconst dateStr = new\nDate().toISOString().split('T')[0];\nconst categorySlug = category.toLowerCase().replace(/\\s+/g, '_');\nconst\nfileName = `${categorySlug}_competitor_report_${dateStr}.html`;\n\n// Create binary data for download\nconst\nbuffer = Buffer.from(html, 'utf8');\n\nreturn [{\n  json: {\n    fileName: fileName,\n    category: category,\n    generatedAt: new Date().toISOString()\n  },\n  binary: {\n    data: {\n      data:\nbuffer.toString('base64'),\n      mimeType: 'text/html',\n      fileName: fileName\n    }\n  }\n}];\n"
      },
      "type": "n8n-nodes-base.code",
      "typeVersion": 2,
      "position": [
        5264,
        0
      ],
      "id": "4020d026-5b82-47e9-8998-0729a6c6baab",
      "name": "Download HTML file from Here"
    },
    {
      "parameters": {},
      "type": "n8n-nodes-base.html",
      "typeVersion": 1.2,
      "position": [
        5488,
        0
      ],
      "id": "365da1fe-536b-42b5-ab2b-9830736a63c3",
      "name": "See HTML output here"
    },
    {
      "parameters": {
        "model": "openrouter/free",
        "options": {}
      },
      "type": "@n8n/n8n-nodes-langchain.lmChatOpenRouter",
      "typeVersion": 1,
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        2672,
        176
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      "id": "480b8caa-9363-4261-ab02-75928b1e3cb4",
      "name": "OpenRouter Chat Model3",
      "credentials": {
        "openRouterApi": {
          "id": "8yMar6RaH255SzIb",
          "name": "OpenRouter account 2"
        }
      }
    },
    {
      "parameters": {
        "model": "openrouter/free",
        "options": {}
      },
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      "typeVersion": 1,
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        176
      ],
      "id": "3d68b952-d7c5-4d60-97dd-2ce3152b2452",
      "name": "OpenRouter Chat Model4",
      "credentials": {
        "openRouterApi": {
          "id": "8yMar6RaH255SzIb",
          "name": "OpenRouter account 2"
        }
      }
    },
    {
      "parameters": {
        "model": "openrouter/free",
        "options": {}
      },

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```
"type": "@n8n/n8n-nodes-langchain.lmChatOpenRouter",
"typeVersion": 1,
"position": [
  3808,
  192
],
"id": "8bbdafba-3142-4d51-8cd9-9233b74eed5e",
"name": "OpenRouter Chat Model5",
"credentials": {
  "openRouterApi": {
    "id": "8yMar6RaH255SzIb",
    "name": "OpenRouter account 2"
  }
},
{
  "parameters": {
    "promptType": "define",
    "text": "=CATEGORY: {{ $('Input Parser').first().json.categoryDisplayName }}\n\nAMAZON PRODUCTS:\n{{
JSON.stringify(\n $('Reshape Amazon Response').first().json.amazonProducts\n ?.map(p => ({\n   name:
p.name,\n   brand: p.brand,\n   url: p.url,\n   price: p.price\n   })))\n .slice(0, 10),\n\n null,\n\n 2\n) }}\n\nIKEA PRODUCTS:\n{{ JSON.stringify(\n $('Reshape IKEA Response').first().json.ikeaProducts\n
?.map(p => ({\n   name: p.name,\n   url: p.url,\n   price: p.price,\n   category: p.category\n   })))\n .slice(0, 10),\n\n null,\n\n 2\n) }}\n\nWAYFAIR PRODUCTS:\n{{ JSON.stringify(\n $('Reshape Wayfair
Response').first().json.wayfair_products\n ?.map(p => ({\n   title: p.title,\n   manufacturer:
p.manufacturer,\n   url: p.url,\n   price: p.price\n   })))\n .slice(0, 10),\n\n null,\n\n 2\n) }}",
    "options": {
      "systemMessage": "You are a sourcing analyst specializing in home goods supply chain. Identify suppliers
and brands from competitor product data.\n\nTASK: Create a Supplier Identification & Sourcing Opportunities
section.\n\nANALYZE THE DATA TO:\n\n1. Extract all unique brand/supplier names that are explicitly identifiable
from Amazon and IKEA product data.\n2. Compare those names against Wayfair's manufacturer list.\n3. Identify
brands or suppliers that appear in Amazon or IKEA data but do not appear in the supplied Wayfair manufacturer
data.\n4. Note what each identifiable supplier appears to be associated with based on the supplied products, such
as style, price point, or features.\n5. Identify sourcing opportunities for Wayfair that are supported by the
data.\n\nIMPORTANT DATA RULES:\n\n* Use only the supplied product data.\n* Do not invent supplier names, brands,
websites, manufacturing capabilities, partnerships, or market presence.\n* Do not assume the first word of an
IKEA product name is a brand unless the data explicitly identifies it as such.\n* IKEA may function as the
retailer/brand itself in the supplied dataset. If no separate supplier is available, use \"IKEA\" as the
identifiable platform/brand and do not infer an underlying manufacturer.\n* If a supplier cannot be confidently
identified, omit it rather than guessing.\n* A brand that is absent from the supplied Wayfair sample should be
described as \"not observed in the supplied Wayfair data,\" not definitively absent from Wayfair's entire
catalog.\n* Do not claim a brand is suitable for private label or exclusive partnership unless the supplied data
supports that conclusion. If evidence is limited, frame it as a sourcing lead for further
investigation.\n\nOUTPUT FORMAT: HTML only, no markdown.\n\n<section class=\"supplier-identification\">\n
<h2>Supplier Identification & Sourcing Opportunities</h2>\n\n <div class=\"suppliers-observed\">\n <h3>Major
Suppliers / Brands Observed</h3>\n\n```\n<table class=\"data-table\">\n <thead>\n <tr>\n <th>Supplier
/ Brand</th>\n <th>Platform</th>\n <th>Observed Positioning</th>\n <th>Price Range</th>\n
<th>Product Link</th>\n </tr>\n </thead>\n <tbody>\n <tr>\n <td><strong>[Brand or Supplier
Name]</strong></td>\n <td>[Amazon / IKEA / Both]</td>\n <td>[Observed styles, features, or
positioning based only on supplied products]</td>\n <td>${X} - ${Y}</td>\n <td><a
href=\"[product_url_if_available]\">View Product</a></td>\n </tr>\n </tbody>\n</table>\n```\n\n </div>\n\n<div class=\"sourcing-opportunities\">\n <h3>Sourcing Opportunities</h3>\n\n```\n<div
class=\"opportunity-cards\">\n\n <div class=\"opportunity-card high-priority\">\n <h4>Ⓢ Brands Not Observed
in the Wayfair Sample</h4>\n\n <p>The following identifiable brands or suppliers appear in Amazon or IKEA
data but were not observed in the supplied Wayfair manufacturer sample:</p>\n\n <ul>\n
<li><strong>[Brand]</strong> - [Why it may be worth further sourcing investigation based on style, price point,
ratings, or product features]</li>\n <li><strong>[Brand]</strong> - [Data-supported rationale]</li>\n
<li><strong>[Brand]</strong> - [Data-supported rationale]</li>\n </ul>\n\n <span class=\"priority\">High
Priority</span>\n </div>\n\n <div class=\"opportunity-card medium-priority\">\n <h4>⚡ Assortment Gaps to
Investigate</h4>\n\n <p>These observed competitor products or brands may point to assortment gaps worth
investigating:</p>\n\n <ul>\n <li><strong>[Brand or IKEA]</strong> - [Observed style, feature, or
price point that appears less represented in the supplied Wayfair sample]</li>\n <li><strong>[Brand or
IKEA]</strong> - [Observed opportunity supported by the data]</li>\n </ul>\n\n <span
class=\"priority\">Medium Priority</span>\n </div>\n\n <div class=\"opportunity-card medium-priority\">\n
<h4>🔍 Supplier Leads for Further Evaluation</h4>\n\n <p>These suppliers or brands may warrant additional
sourcing research based on the supplied competitor data:</p>\n\n <ul>\n <li><strong>[Brand]</strong> - [Why
it merits further investigation]</li>\n <li><strong>[Brand]</strong> - [Why it merits further
investigation]</li>\n </ul>\n\n <span class=\"priority\">Medium Priority</span>\n </div>\n\n</div>\n\n <div class=\"supplier-insights\">\n <h3>Key Supplier Insights</h3>\n\n```\n<div
class=\"insights\">\n <ul>\n <li><strong>Amazon Brand Mix:</strong> [Which identifiable brands appear most
frequently or prominently in the supplied Amazon sample]</li>\n <li><strong>IKEA Positioning:</strong> [What
the supplied IKEA products suggest about IKEA's assortment, styles, or price positioning]</li>\n
<li><strong>Price Point Gaps:</strong> [Where potential supplier or assortment opportunities appear by
price]</li>\n <li><strong>Sourcing Leads:</strong> [Which identifiable brands or suppliers deserve further
research based on the supplied data]</li>\n </ul>\n</div>\n```\n\n</div>\n\n</section>\n\nBRAND IDENTIFICATION
GUIDELINES:\n\n* Prefer explicit brand or manufacturer fields from the data.\n* For Amazon, use the supplied
`brand` field when available.\n* For Wayfair, use the supplied `manufacturer` field.\n* For IKEA, use an explicit
supplier/brand field only if one exists in the data.\n* If IKEA products do not contain a separate supplier
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field, treat IKEA as the identifiable retailer/brand and do not guess the manufacturer.\n* Do not identify a brand solely because it is a familiar rug brand from outside knowledge.\n\nIMPORTANT:\n\n* Only include brands or suppliers that can actually be identified from the supplied product data.\n* Compare competitor brands against Wayfair's supplied manufacturer list.\n* If fewer than 5 distinct brands can be confidently identified, include fewer than 5 rather than inventing additional brands.\n* Use actual observed price data when calculating price ranges.\n* If a product URL is available, use it as the link.\n* If no link is available, display the brand/supplier name without a hyperlink.\n* Frame all sourcing opportunities as data-supported leads, not confirmed partnership recommendations.\n"

```
    },
    "type": "@n8n/n8n-nodes-langchain.agent",
    "typeVersion": 3.1,
    "position": [
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      0
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    "id": "af5627f3-1391-4735-8bd7-c04f59d3a6a6",
    "name": "Supplier Identification Generator"
  },
  {
    "parameters": {
      "method": "POST",
      "url": "https://api.apify.com/v2/actors/scraptivo~ikea-scraper/run-sync-get-dataset-items",
      "sendHeaders": true,
      "headerParameters": {
        "parameters": [
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            "name": "Authorization",
            "value": "Bearer apify_api_W5ST0f3sbF4De2GprgOPY4t1mJhUwA0oQxQI"
          },
          {
            "name": "Content-Type",
            "value": "application/json"
          }
        ]
      }
    },
    "sendBody": true,
    "specifyBody": "json",
    "jsonBody": "={\n  \"searchQueries\": [\n    \"{{$json.category}} rugs\"\n  ],\n  \"countryCode\": \"us\",\n  \"languageCode\": \"en\",\n  \"maxItems\": 10,\n  \"maxReviews\": 5,\n  \"proxyConfiguration\": {\n    \"useApifyProxy\": true\n  }\n}",
    "options": {
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    "waitBetweenTries": 5000,
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  },
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      "queryParameters": {
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            "name": "category",
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          },
          {
            "name": "limit",
            "value": "10"
          }
        ]
      }
    },
    "options": {
      "timeout": 30000
    },
    "type": "n8n-nodes-base.httpRequest",
```

```

"typeVersion": 4.5,
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288,
-256
],
"id": "84123498-9944-487b-aa1c-fe7e9a190c1e",
"name": "Fetch Wayfair Products",
"retryOnFail": true,
"waitBetweenTries": 5000,
"onError": "continueRegularOutput"
},
{
"parameters": {
"jsCode": "// Reshape FastAPI response to the legacy shape that downstream consumers expect.\nconst r =
$input.first().json;\nconst products = r.products || [];\nreturn [{\n  json: {\n    wayfair_products:
products.map(p => ({\n      url: p.url,\n      name: p.name,\n      price: p.price,\n      details: p.details
|| [],\n      pattern: p.pattern || '',\n      image_url: p.image_url || '',\n      rating: p.rating || '',\n      review_count: p.review_count || '',\n      scraped_at: r.scraped_at || new Date().toISOString(),\n    })),\n  totalWayfair: products.length,\n  totalProducts: products.length,\n  scrapedAt: r.scraped_at || new
Date().toISOString(),\n  },\n}];\n"
},
"type": "n8n-nodes-base.code",
"typeVersion": 2,
"position": [
624,
-256
],
"id": "1e5d7c40-fda3-4874-a9f6-bb6242e5f337",
"name": "Reshape Wayfair Response"
},
{
"parameters": {
"jsCode": "// RESHAPE IKEA RESPONSE\n// Convert Apify's individual product items into one array\n//
matching the Amazon/Wayfair structure.\n\nconst products = $input.all()\n  .slice(0, 10)\n  .map(item =>
item.json)\n  .map(p => ({\n    retailer: \"IKEA\",\n    name: p.name ?? p.title ?? null,\n    price: p.price ??
p.formattedPrice ?? null,\n    rating: p.rating ?? null,\n    review_count: p.reviewCount ?? p.review_count ??
null,\n    url: p.url ?? p.product_url ?? null,\n    image_url: p.image ?? p.mainImage ?? p.image_url ?? null,\n
    category: p.category ?? null\n  }));\n\nreturn [{\n  json: {\n    ikeaProducts: products,\n
totalIkeaProducts: products.length,\n    totalProducts: products.length,\n    scrapedAt: new
Date().toISOString()\n  } }];\n"
},
"type": "n8n-nodes-base.code",
"typeVersion": 2,
"position": [
608,
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],
"id": "2e9e26c6-e0a4-4299-99b3-f7c56670efbf",
"name": "Reshape IKEA Response"
},
{
"parameters": {
"url": "http://34.196.186.128:8000/api/products/amazon",
"sendQuery": true,
"queryParameters": {
"parameters": [
{
"name": "category",
"value": "={{ $('Input Parser').item.json.categoryKey }}"
},
{
"name": "limit",
"value": "10"
}
]
}
},
"options": {
"timeout": 30000
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"type": "n8n-nodes-base.httpRequest",
"typeVersion": 4.5,
"position": [
320,
352
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"name": "HTTP Request",

```

```

    "retryOnFail": true,
    "waitBetweenTries": 5000,
    "onError": "continueRegularOutput"
  },
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    "parameters": {
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$input.first().json;\nconst products = r.products || [];\nreturn [{\n  json: {\n    amazonProducts:
products.map(p => ({\n      url: p.url,\n      name: p.name,\n      price: p.price,\n      details: p.details
|| [],\n      pattern: p.pattern || '',\n      image_url: p.image_url || '',\n      rating: p.rating || '',\n
review_count: p.review_count || '',\n      scraped_at: r.scraped_at || new Date().toISOString(),\n    })),\n
totalAmazonProducts: products.length,\n      totalProducts: products.length,\n      scrapedAt: r.scraped_at || new
Date().toISOString(),\n    },\n  }];\n"
    },
    "type": "n8n-nodes-base.code",
    "typeVersion": 2,
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      352
    ],
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    "name": "Reshape Amazon Response"
  },
  {
    "parameters": {
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      "options": {}
    },
    "type": "@n8n/n8n-nodes-langchain.lmChatOpenRouter",
    "typeVersion": 1,
    "position": [
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      176
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    "name": "OpenRouter Chat Model2",
    "credentials": {
      "openRouterApi": {
        "id": "8yMar6RaH255SzIb",
        "name": "OpenRouter account 2"
      }
    }
  }
],
"pinData": {},
"connections": {
  "When chat message received": {
    "main": [
      [
        {
          "node": "Input Parser",
          "type": "main",
          "index": 0
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      ]
    ],
    "Input Parser": {
      "main": [
        [
          {
            "node": "Fetch IKEA Product",
            "type": "main",
            "index": 0
          },
          {
            "node": "Fetch Wayfair Products",
            "type": "main",
            "index": 0
          },
          {
            "node": "HTTP Request",
            "type": "main",
            "index": 0
          }
        ]
      ]
    ]
  }
},

```

```

"Merge": {
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  "Scope Generator": {
    "main": [
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        {
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          "type": "main",
          "index": 0
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      ]
    ],
    "Wait": {
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            "type": "main",
            "index": 0
          }
        ]
      ],
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              "type": "main",
              "index": 0
            }
          ]
        ],
        "Wait After Executive": {
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                "index": 0
              }
            ]
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          "Amazon Analysis Generator": {
            "main": [
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                {
                  "node": "Wait After Amazon",
                  "type": "main",
                  "index": 0
                }
              ]
            ],
            "Wait After Amazon": {

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  "type": "main",
  "index": 0
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],
"Comparison Generator": {
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[
{
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  "type": "main",
  "index": 0
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]
]
},
"Wait After Comparison": {
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{
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  "type": "main",
  "index": 0
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]
]
},
"Pricing & Whitespace Generator": {
"main": [
[
{
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  "type": "main",
  "index": 0
}
]
]
},
"Wait After Pricing": {
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  "type": "main",
  "index": 0
}
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  "index": 0
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]
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"main": [
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  "type": "main",
  "index": 0
}
]
]
},
"OpenRouter Chat Model1": {
"ai_languageModel": [

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[
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    "index": 0
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]
},
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"main": [
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{
    "node": "Clean AI output",
    "type": "main",
    "index": 0
}
]
],
"Clean AI output": {
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    "type": "main",
    "index": 0
}
]
],
"Download HTML file from Here": {
"main": [
[
{
    "node": "See HTML output here",
    "type": "main",
    "index": 0
}
]
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"ai_languageModel": [
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    "index": 0
}
]
],
"OpenRouter Chat Model4": {
"ai_languageModel": [
[
{
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    "type": "ai_languageModel",
    "index": 0
}
]
],
"OpenRouter Chat Model5": {
"ai_languageModel": [
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"Supplier Identification Generator": {
"main": [

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{
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},
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            {
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                "type": "main",
                "index": 0
            }
        ]
    ],
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        "main": [
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                    "type": "main",
                    "index": 0
                }
            ]
        ],
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                        "node": "Merge",
                        "type": "main",
                        "index": 0
                    }
                ]
            ],
            "Reshape IKEA Response": {
                "main": [
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                        {
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                            "type": "main",
                            "index": 1
                        }
                    ]
                ],
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                                "type": "main",
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                            }
                        ]
                    ],
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                        "main": [
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                                    "type": "main",
                                    "index": 2
                                }
                            ]
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                            "ai_languageModel": [
                                [

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        "index": 0
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]
}
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"settings": {
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    "binaryMode": "separate"
},
"versionId": "406073d4-87e4-4dec-8dd1-30c94cfcd3d0",
"meta": {
    "templateCredsSetupCompleted": true,
    "instanceId": "31307bfdea84fe34a9e2303d45a06b52c0af25675bdb775561457b20b5a683f3"
},
"nodeGroups": [],
"id": "ABokpp2SMCaKDoOd",
"tags": []
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