

Models

Types of models

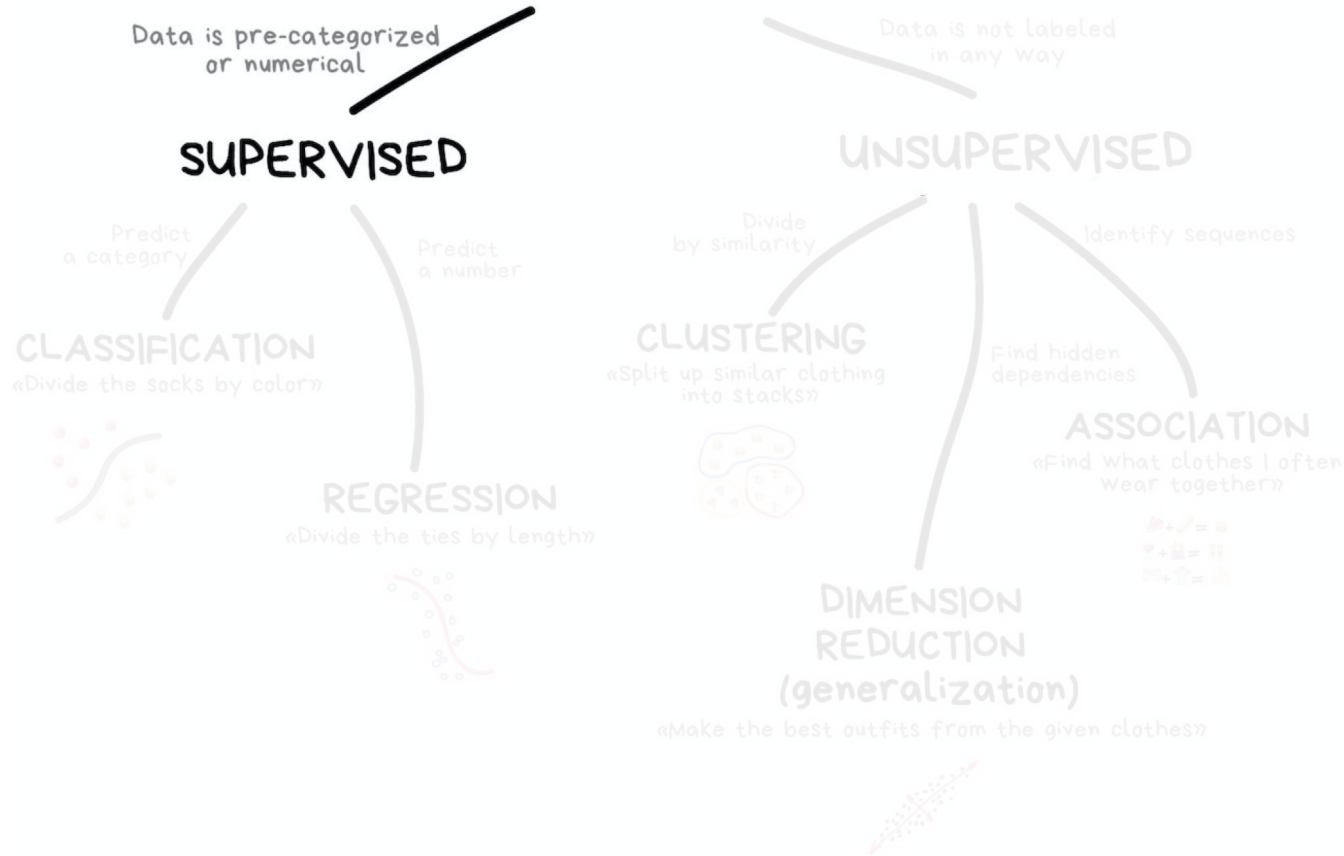
Prof. Dr. Jan Kirenz
HdM Stuttgart

Types of problems

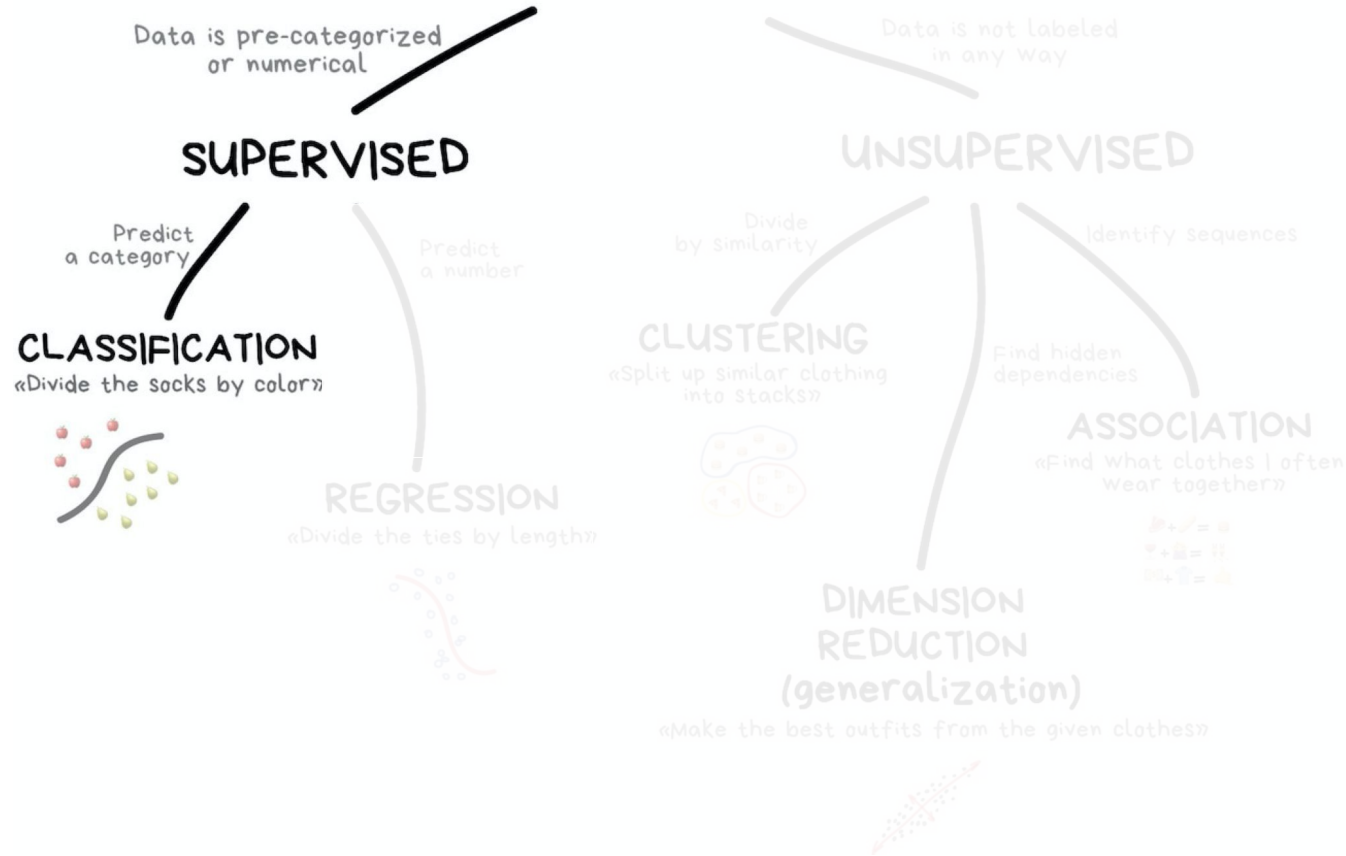
Type of ML Problem	Description	Example
Classification	Pick one of N labels	Cat, dog, horse, or bear
Regression	Predict numerical values	Click-through rate
Clustering	Group similar examples	Most relevant documents (unsupervised)
Association rule learning	Infer likely association patterns in data	If you buy hamburger buns, you're likely to buy hamburgers (unsupervised)

Model categorization

Models



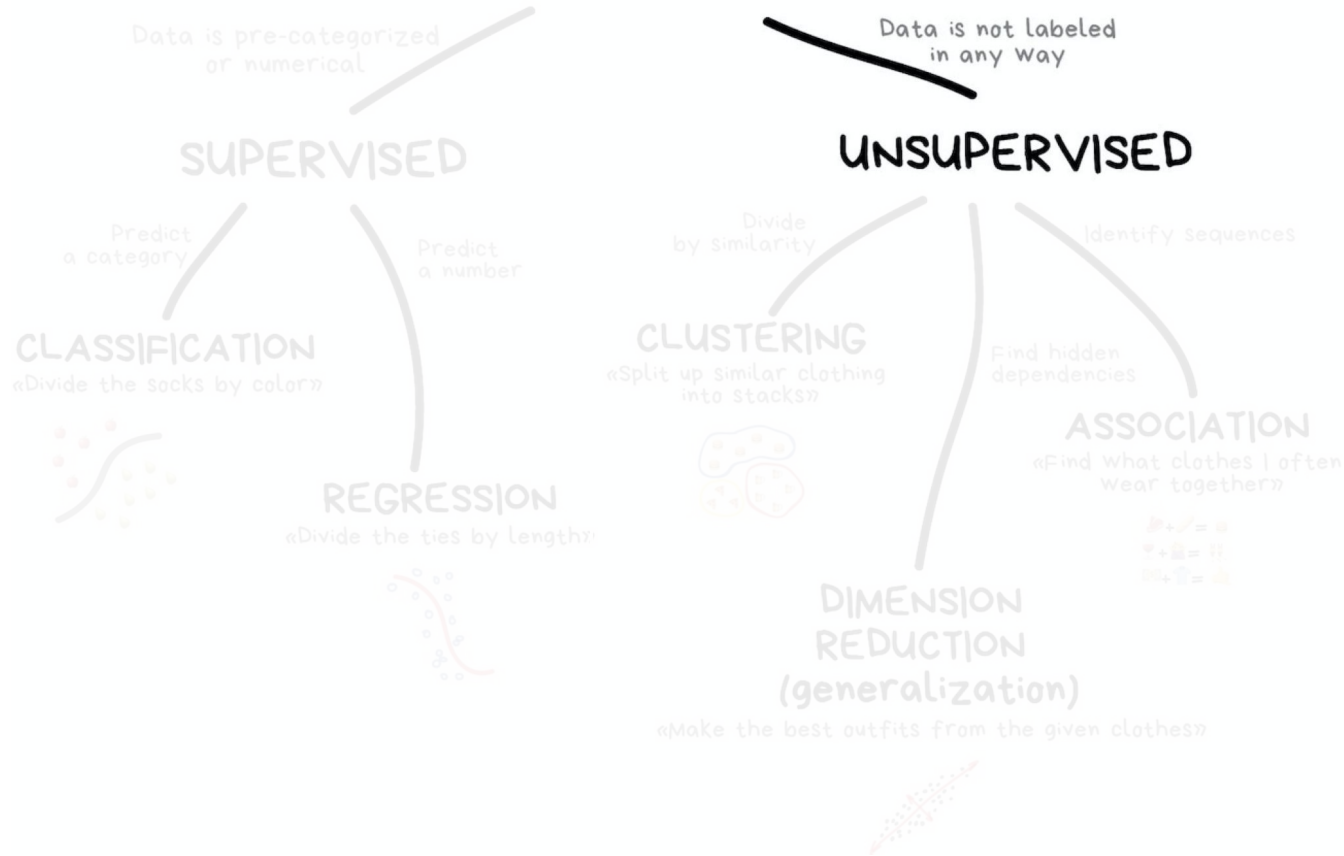
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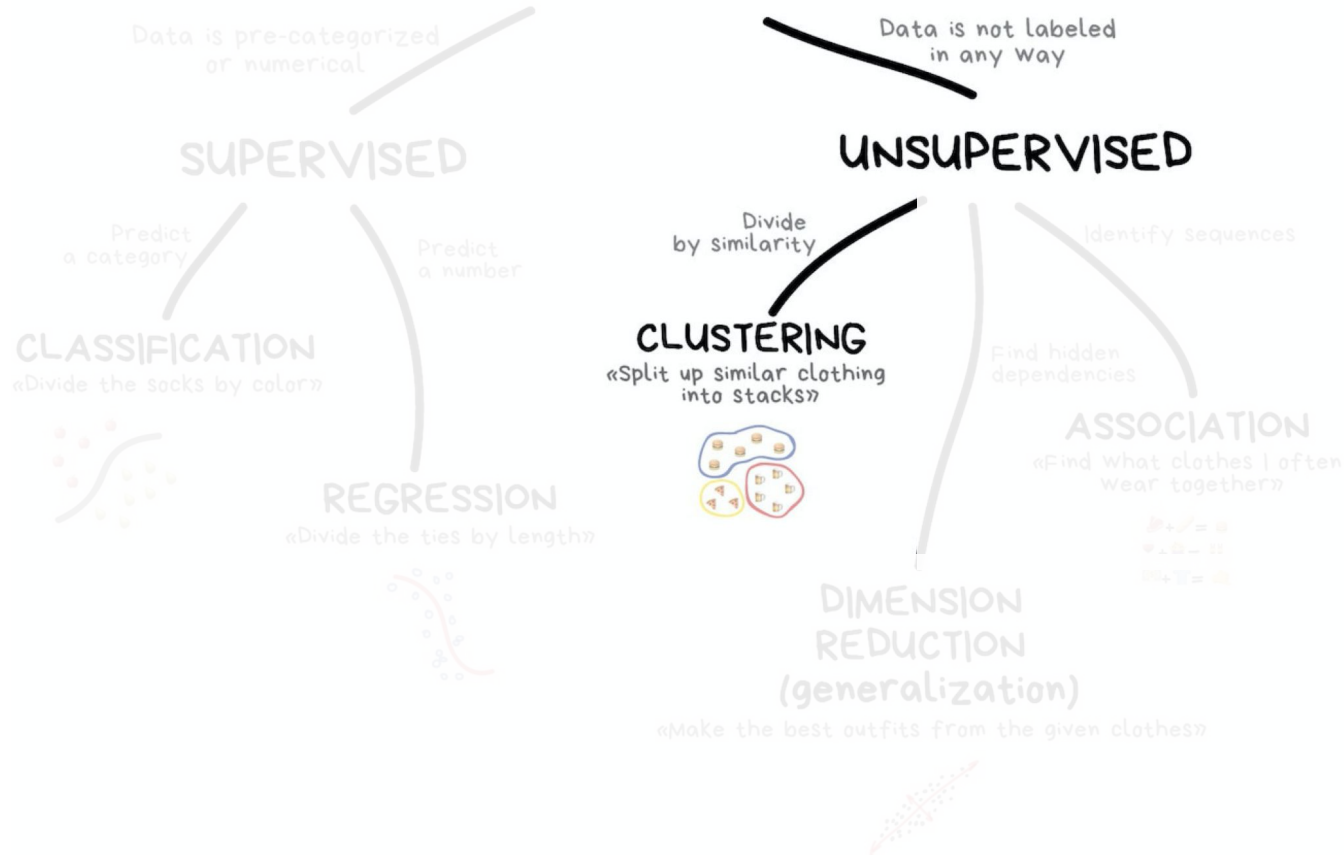
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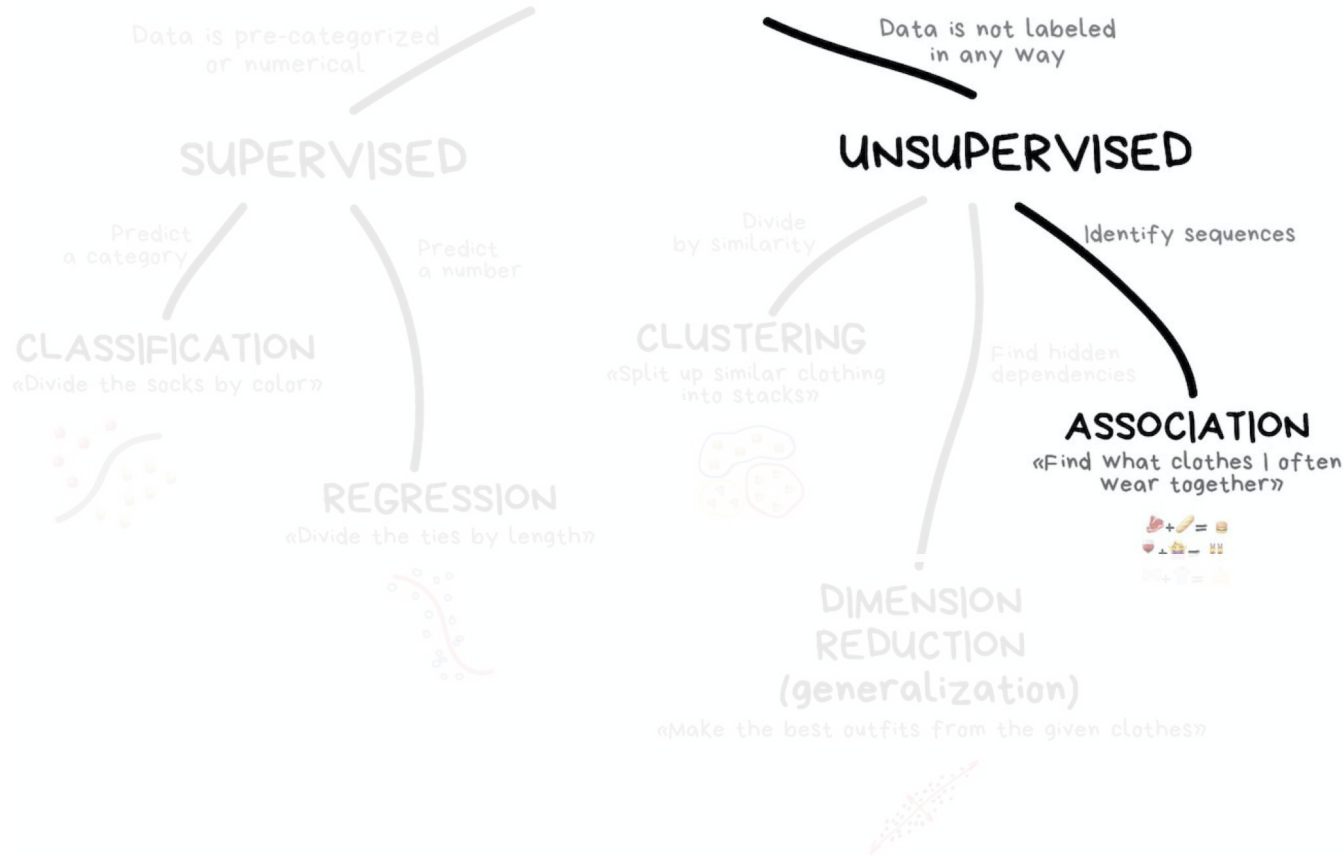
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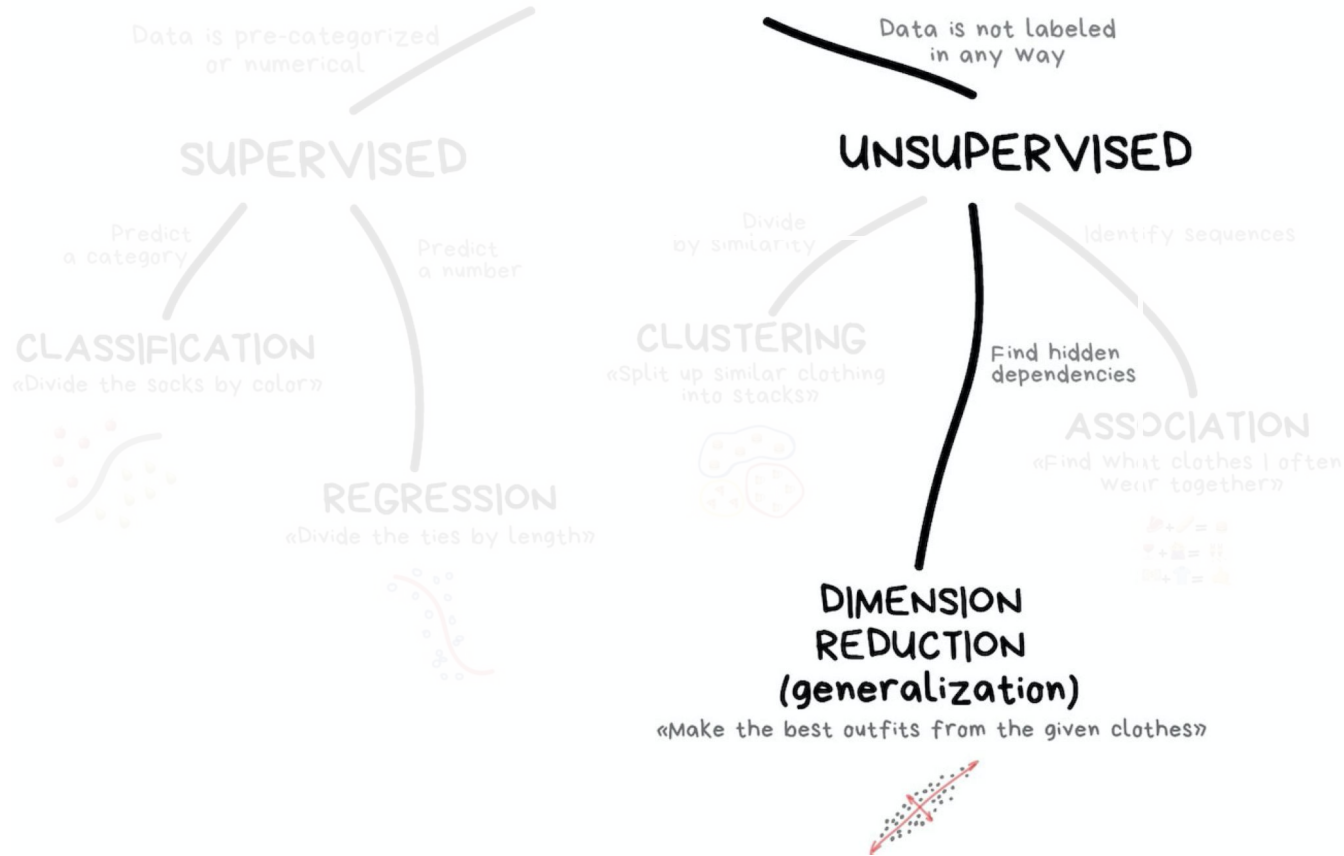
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