Northwind Challenge Problem

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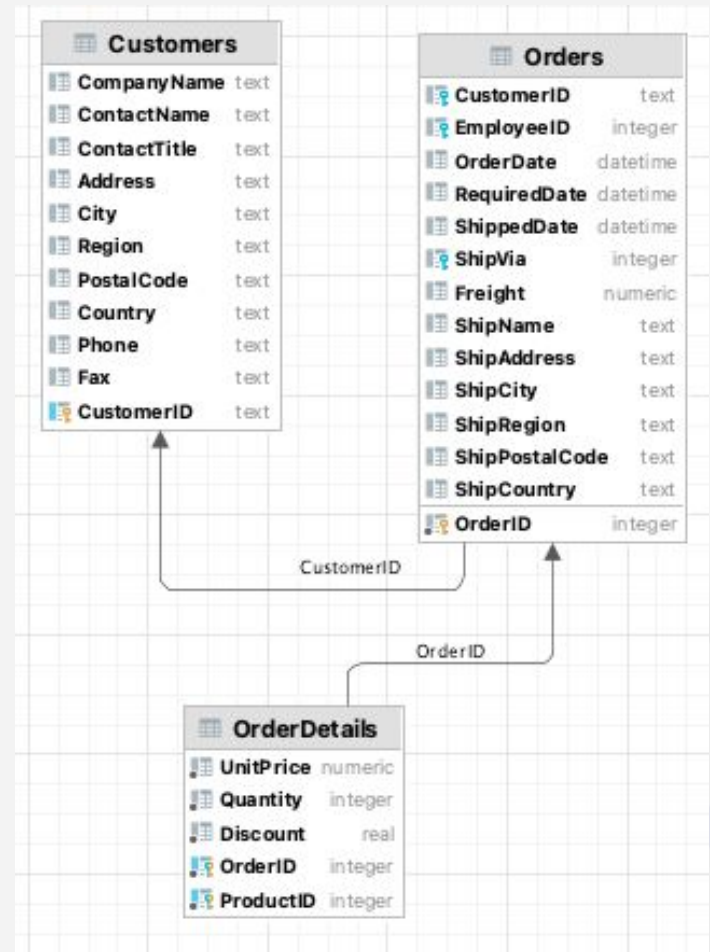Northeastern University

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Provide a list of all customers whose average order total is below the average for all companies in their same region.

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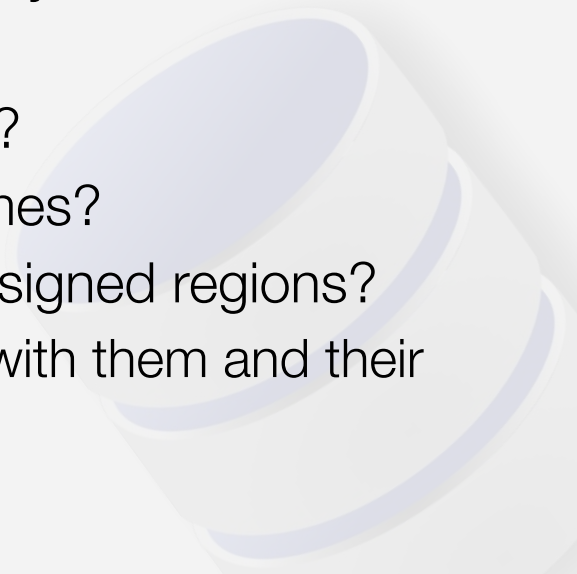**IMPORTANT**: There's more than one way …

... the end

Think about what the final resulting table should look like…

Company Name	Company Region	Company Avg Order	Region Avg Order

Where to Start?

- Understand and Explore the data…. gather some info to be used for testing as we develop the query
  - How many customers are there?
  - How many unique regions are customers in?
  - Are there any companies with duplicate names?
  - Are there any companies that don't have assigned regions?
    - If there are any, what are we going to do with them and their orders?

So, what now?

- We are looking for average order price …

  - Single Line Item → (unitPrice * quantity * (1 - discount))

  - Sum all of those Single Line Items for each order

  - *What columns should the result of this have to support future*

    steps in the query?

Try it!