**Analyzing Databases**

1. **Begin by writing SQL commands to capture usable data (which you have preloaded into Codio) for your analysis. Specifically, the product manager wants you to investigate and analyze the following:**
   * **Analyze the frequency of returns by state and describe your findings in your report.**
   * **Query being used:** select State, count(\*) as Frequency\_Of\_Returns from Collaborator inner join Orders on Collaborator.CustomerID = Orders.CustomerID inner join RMA on Orders.OrderID = RMA.OrderID group by State order by Frequency\_Of\_Returns DESC LIMIT 10;

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* + **Analyze the percentage of returns by product type and describe your findings in your report. Query being used:** select SKU AS Product\_SKU, Description AS Product\_Description, (Count(\*) \* 100 / (select Count(\*) FROM Orders INNER JOIN RMA ON Orders.OrderID = RMA.OrderID)) AS Product\_Percentage FROM Orders INNER JOIN RMA ON Orders.OrderID = RMA.OrderID GROUP BY Product\_SKU ORDER BY Product\_Percentage DESC\G 🡨utilizing the\G command to stack the data for easy reading**Text

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