**Excel Questions**

* **Basic Summary Statistics:**
* **Question:** Calculate the summary statistics (mean, median, mode, standard deviation) for the list\_price of products.
* **Task:** Use Excel's statistical functions to calculate these metrics and create a summary table.
* **Pivot Tables:**
  + **Question:** Create a pivot table to summarize total sales (quantity \* list\_price) by store and by product category.
  + **Task:** Use the orders and order\_items tables to create a pivot table, and then load the results into Power BI.
* **Conditional Formatting:**
  + **Question:** Highlight the top 10 products based on total sales.
  + **Task:** Use conditional formatting in Excel to highlight the top 10 products in the order\_items table.
* **Data Cleaning:**
  + **Question:** Identify and correct any inconsistencies or missing data in the customers table.
  + **Task:** Use Excel's data cleaning tools to identify and correct issues, such as missing email addresses or incorrect zip codes.
* **VLOOKUP:**
  + **Question:** Use VLOOKUP to match product names with their respective categories and brands.
  + **Task:** Use VLOOKUP in the products table to add columns for category and brand names from the categories and brands tables.
* **Data Validation:**
  + **Question:** Ensure that all email addresses in the staffs table are unique and correctly formatted.
  + **Task:** Use data validation rules in Excel to check for unique and correctly formatted email addresses.
* **Charts and Graphs:**
  + **Question:** Create a bar chart to visualize the total sales by store.
  + **Task:** Use Excel's charting tools to create a bar chart based on the sales data from the orders and order\_items tables

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