

Project: E-commerce Sales Dashboard Creation in Power BI

Objective: Build an interactive e-commerce dashboard in Power BI to visualize sales, profit, and quantity metrics.

Instructions

1. Dataset Requirements:

- Ensure data includes fields like **Amount, Quantity Sold, Profit, State, Category, Customer Name, Payment Mode, and Date of Sale.**

2. Layout:

- **Title:** Add a main title at the top: "E-commerce Sales Dashboard."
 - **KPI Cards:** Place cards for **Total Sales, Quantity Sold, Total Profit, and Average Order Value (AOV)** at the top.
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3. Core Visualizations:

- **Quarter Filter:** Add a slicer for quarters (Q1, Q2, etc.).
- **Bar Chart:** Show **Profit by Month.**
- **Horizontal Bar Chart:** Display **Sales by State.**
- **Donut Chart:** Visualize **Quantity by Category** and **Payment Mode Distribution.**
- **Stacked Column Chart:** Show **Sales by Customer.**
- **Horizontal Bar Chart:** Show **Profit by Sub-Category.**

4. Styling and Formatting:

- **Color Theme:** Use a soft blue background with contrasting colors for charts and text.
- **Fonts:** Use clear, bold fonts for titles and metric labels.
- **Alignment and Sizing:** Ensure all charts and visuals are well-aligned and sized for a clean, professional look.

5. Final Touches and Interactivity:

- **Set Up Drill-Downs:** Enable drill-downs for category and state to allow users to see detailed data on clicking.
- **Add Tooltips:** Customize tooltips to show extra data when hovering over visuals.
- **Data Validation:** Verify all data connections and relationships are correct.
- **Filters and Slicers:** Test filters to ensure charts update dynamically when filtered.

6. Saving and Sharing:

- Save the dashboard and publish it to Power BI Service if needed.
- Test the dashboard with sample data to ensure it functions as expected.

ALL THE BEST!!!