Final test Powerbi

**Total Sales by Category**:

* Create a bar chart showing total sales by category.

**Sales Trend Over Time**:

* Create a line chart showing the trend of total sales over time.

**Sales by Region**:

* create a map visualization showing total sales by region.

**Total Profit by Sub-Category**

* Create a bar chart showing total profit by sub-category.

**Profit by Customer Segment**

* Create a pie chart showing the distribution of total profit by customer segment

**Shipping Costs by Ship Mode**:

* Create a bar chart showing average shipping costs by ship mode

**Order Processing Time**

* Calculate the average order processing time (difference between order date and ship date) and create a bar chart comparing processing times across different order priorities

**Customer Distribution by Country**

* Create a map visualization showing the distribution of customers by country.

**Customer Loyalty Analysis**

* Create a matrix visualization showing total sales and total profit for repeat customers versus new customers.

**Overall Sales KPI**

* Create a KPI visual showing the total sales for the current year. Use a target based on the previous year's total sale

**Create a data model on your own and explain each and every aspects about the model**