**Car Sales Pivot Charts- Assignment**

This assignment was completed as part of my **“Data Visualization and Dashboards with Excel and Cognos”** course.

It specifically helped me improve my understanding of **pivot charts**—how to create them from pivot tables and format them effectively.

***The pivot tables used for each task can be found in the corresponding worksheets of the attached Excel file.***

* **Dataset:** Modified Car Sales Dataset from Kaggle *(Double click the icon)*



**1: Bar chart**

I created a **bar chart** using the pivot table from to show **quantity sold by each dealer ID**. I sorted the values in ascending order and updated the chart title to **"Quantity Sold by Dealer ID"** for clarity.

**2: Line chart**

Using the pivot table, I made a **line chart** to display **profit by date and model**. I titled the chart **"Profit by Date and Model"** to clearly represent the trend over time.

**3. Column Chart**

I developed a **column chart** showing **profit by year and dealer ID**. I formatted the data columns in **orange** and changed the chart title to **"Profit by Year and Dealer ID"**.

**4. Line Chart with Markers**

I created a **line chart** showing the **profit of Hudson models by dealer ID**. I removed the horizontal gridlines, changed the **series outline to green** and renamed the chart to **"Profit of Hudson Models by Dealer ID"**.