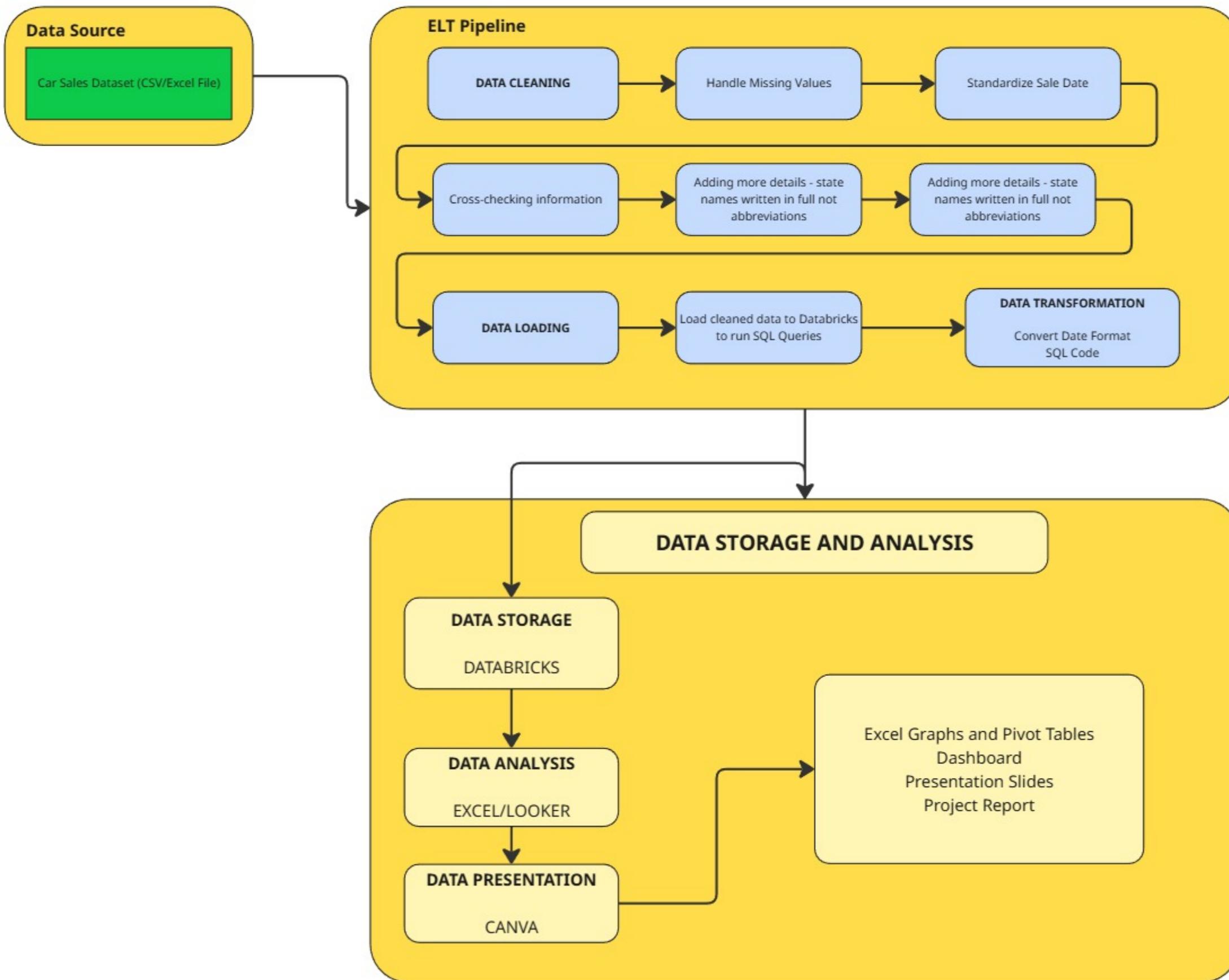


## Car Sales Analysis : Data Flow Diagram



## Key Insights and Deliverables

### Quantitative Data

- Sales Date
- Cost Price
- Sale Price
- Year

### Expected Deliverables

- Total Revenue = Sale Price \* Units Sold
- Profit Margin = Sale Price - Cost Price
- Group by Make, Model, Year, Location

### Bright Motors Car Sales Analysis

### Graphics

- Line Graph - present relationship between price, mileage and car make
- Donut - Revenue Distribution by car make .
- Donut/Pie - Sales Distribution by Year and Location
- Donut: Sales Distribution by make and model
  - Price by mileage, color and make
  - Table to compare sales, revenue for years 2014-2015.
- Profit Margin - quarterly presentation on bar-line graph combo

- Revenue by Location
- Revenue by Car Make/Model
- Revenue Over Time using Date and Time Functions - yearly, monthly, quarterly, weekly

### Qualitative Data

- States/Location
- Car Make
- Car Model

### Expected Deliverables

- Flag car price - high, low, fair using CASE statement
- Flag Profit Margin -
- Flag Profitability - High, Fair and Low using CASE statement.