# Analysis Report on Classic Models Dataset

## Introduction:

The purpose of this Analysis report is to know about how the Sales going on and to provide various insights into various aspects of the Classic Models dataset. By analysing different dimensions of the data, including sales, customers, products, and orders, we aim to provide better understanding about the data in the form of visuals.

**Customers**: Stores customer's data.

**Products:** stores a list of scale model cars

**ProductLines:** stores a list pf product line categories.

**Orders:** stores sales orders placed by customers.

**OrderDetails**: stores sales order line items for each sales order.

**Payments:** stores payments made by customers based on their accounts.

**Employees:** stores all employee information as well as the organization structure such as who reports to whom

**Offices:** stores sales office data

## Insights:

How the sales are perfoming by productline ,In this ,in x-axis – ProductLine ,y-axis is sales ,by doing after drag and drop we can see the classicCars Perfoming very good ,trains are performing very bad . What are top 5 states by sales,In x-axis we drag the state into legend and sales into values, the CA,MA,NY,Victoria,PA are the top 5 states across the sales. Sales by City ,Here also we come across the sales how the performance of sales in cities ,In X-axis we drag the sales and drag the city into y axis. Top 10 products from ProductLine by sales,We analyse that top 10 products and in which productLine they are coming from for that we need to drag the productline in x-axis,drag the sales in Y-axis and add the productName in Legend. After that we make a visualization our top 10 products are perfoming across the sales. Product wise sales are good but how the trend going on years that we see in the line chart and we have to estimate which are in stock and not in stock and how much the quantity left over that we can see in the table which is conditionally formatted.we have checked that is there any relationship in between creditlimit and Sales of the customers,yes we can visualize by plot on scatterplot in between 0k to 100k creditlimit there is 6k sales happended . after we come across the how many orders are done by each customer and who are placing many orders by using bar chat. We need to analyse how many average shipment days across the country by using filled map which conditionally formatted that menas which takes less number of days to ship that is green and if days may increase it takes red like that we analyse country wise average shipping days these are some insights that I came with a good understanding about the classic models dataset.