

SUPPLY CHAIN AND INVENTORY MANAGEMENT

727723EUCD036 (NK NEHA)

HOME

The screenshot shows the Power BI Home page for the 'Supply_Chain_Project'. The main visual is titled 'Supply Chain Management' and contains the following text:

What is Supply Chain??

A supply chain is a network of companies and people that are involved in the production and delivery of a product or service. The components of a supply chain include producers, vendors, warehouses, transportation companies, distribution centers, and retailers.

The global supply chain management market is predicted to be worth over 45 billion in 2027.

Below this text is a diagram illustrating the flow of goods from a supplier through various stages like procurement, manufacturing, and distribution to a customer.

To the right of the visual, there is a summary card titled 'A supply chain can include:' which lists several components:

- Procurement of service providers
- Purchasing of raw materials and goods
- An integrated workforce
- Software tools and other technology systems
- Inventory control**
- Demand forecasting
- Customer service
- Warehousing and operations
- Shipping and transportation

The Power BI interface includes a ribbon with Home, Insert, Modeling, View, Optimize, and Help tabs. The ribbon also has sections for Data, Queries, Calculations, Sensitivity, Publish, and Copilot. The right side of the screen shows the Visualizations pane and the Data pane.

ORDERS

The screenshot shows the Power BI Orders page for the 'Supply_Chain_Project'. The main visual is titled 'Order Detail Summary' and contains the following information:

5484161.76 C70 5277907.63 SL-Class 5198914.8 Accord 4780507.14 CL-Class

Availability

- Count of CarModel: 503
- Count of CarMaker: 54

State map showing the distribution of car models across the United States.

Below the visual is a table titled 'Top 15 Orders by Date':

CustomerName	CarModel	Order_Date
Keith Crickett	5000S	14 February 2019
Timoteo Lidgettwood	5000S	10 December 2018
Heath Cordingly	Bravada	10 February 2019
Marcela Stratton	Discovery	07 October 2018
Vince Sheekey	Dynasty	23 February 2019
Georgiana Leimster	E150	25 July 2018
Pinas Aborrough	Esteem	27 March 2019
Saw Courtes	Focus	08 July 2018
Gulbert Twitchett	Genesis	19 January 2019
Giordano Pott	Grand Cherokee	19 August 2018
Wendi Kineton	Odyssey	31 March 2019
Daryl Hawline	Q	31 January 2019
Dinny O'Cooney	Ridgeline	30 May 2019
Isadora Riggoll	Tucson	17 February 2019
Joey MacConnell	Yukon	08 September 2018

The Power BI interface includes a ribbon with Home, Insert, Modeling, View, Optimize, and Help tabs. The ribbon also has sections for Data, Queries, Calculations, Sensitivity, Publish, and Copilot. The right side of the screen shows the Visualizations pane and the Data pane.

SALES

The screenshot shows a Power BI report titled "Sales Detail Summary". The main dashboard includes the following visualizations:

- Total Sales Measures:** 853.10M
- Sum of Discount:** 577.36
- Sum of Sales by OrderMonth Name:** A bar chart showing monthly sales from December to January.
- Sum of Sales by ShipMode:** A donut chart showing the distribution of sales by ship mode: Same Day (24.4%), Standard Class (25.29%), First Class (25.05%), and Second Class (25.25%).
- Sum of Sales by Shipping:** A line chart showing sales volume over time, with categories Air and Truck.
- Sum of Sales by OrderQuarter Num:** A horizontal bar chart showing quarterly sales from 1 to 4.

Filters on the right side allow setting Gender (All) and CarColor (All). The report is currently on page 3 of 4.

CUSTOMER VIEW

The screenshot shows a Power BI report titled "Customer View Detail Summary". The main dashboard includes the following visualizations:

- Top 15 Orders by Date:** A table listing customer names and car makers.
- Sum of Sales by CustomerFeedback:** A color-coded legend for feedback levels: Red (0.18bn), Gray (0.17bn), Teal (0.17bn), Black (0.17bn), and Blue (0.16bn).
- Sum of Sales:** A horizontal bar chart showing sales by state.
- Car Model:** A treemap visualization showing sales by car model.
- State:** A treemap visualization showing sales by state.
- CustomerName:** A treemap visualization showing sales by customer name.
- CarColor:** A treemap visualization showing sales by car color.

Filters on the right side allow setting CarModel (Suburban 1500), State (Colorado), CustomerName (Imma Grisden), and CarColor (Aquamarine). The report is currently on page 4 of 4.