**Gathering Insights**

**1. Total Revenue by Product Type**

This command calculates the total revenue generated by each product type. This insight helps you understand which products are the most profitable.

SELECT "Product type", SUM("Revenue generated") AS TotalRevenue FROM supply\_chain\_data GROUP BY "Product type" ORDER BY TotalRevenue DESC;

**2. Average Shipping Cost by Transportation Mode**

This command determines the average shipping cost for different transportation modes. This can help evaluate the efficiency and cost-effectiveness of various shipping methods.

SELECT "Transportation modes", AVG("Shipping costs") AS AverageShippingCost FROM supply\_chain\_data GROUP BY "Transportation modes" ORDER BY AverageShippingCost DESC;

**3. Total Stock Levels by Location**

This command calculates the total inventory available at each location. This is a crucial metric for inventory management and resource allocation.

SELECT Location, SUM("Stock levels") AS TotalStock FROM supply\_chain\_data GROUP BY Location ORDER BY TotalStock DESC;

**4. Total Order Quantities by Shipping Carrier**

This command aggregates the total number of orders handled by each shipping carrier. This allows you to evaluate the performance of each carrier and identify the most reliable ones.

SELECT "Shipping carriers", SUM("Order quantities") AS TotalOrders FROM supply\_chain\_data GROUP BY "Shipping carriers" ORDER BY TotalOrders DESC;

**5. Average Lead Time by Supplier**

This command computes the average lead time for each supplier. This is a key metric for assessing supplier performance and ensuring timely deliveries.

SELECT "Supplier name", AVG("Lead time") AS AverageLeadTime FROM supply\_chain\_data GROUP BY "Supplier name" ORDER BY AverageLeadTime ASC;