Metadata - Case Study:
Supply Chain Analytics in Power BI

Quotes Table

Column	Description
Supplier	The name of the supplier providing the quote.
Part_Number	The identification number for the particular product or component being quoted.
Volume	The minimum volume that must be ordered for the particular quoted cost.
Quoted_Cost	The cost per unit that must be paid to the supplier for purchasing the goods.
Non_recurring_expenses	The one-time cost to enable production at the minimum volume quoted.

Internal Manufacturing Estimates Table

Column	Description
Machine_Model	The model of manufacturing equipment
Part_Number	The identification number for the particular product or component whose cost is being estimated.
Cost_per_Unit	The marginal production costs associated with manufacturing another unit. This would include material cost, direct labor and variable overheads.
Unit_Capacity	The unit capacity is the number of units that the machine model can produce when it is fully used for the part number whose cost is being estimated.
Machine_Fixed_Cost	The one-time cost of acquiring another machine for manufacturing.
Existing_Capacity	The available capacity of the current machinery your company.
Machine_Fixed_Overhead_Rate	The cost of owning and operating the manufacturing equipment that does not scale with changes in production volume.

Product Dimensions

Column	Description
Part_Number	The identification number for the particular product or component.
Part_Name	The name of the product or component.
Project	The name of the project that the product or component is associated with.