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PURCHASING

This Tableau Accelerator allows you to:

- **Automatically determine savings**
(by measuring the difference between the current purchase price and the average purchase price computed over the previous 12 months. This difference is then multiplied by the current quantity purchased)
- **Minimize risks**
 - Highlight items with high purchasing volume and high price volatility
 - Pinpoint single supplier dependencies
- **Identify new savings opportunities**
 - For certain items, consolidate purchasing contracts with fewer suppliers
 - Negotiate better purchasing conditions
 - Reduce administrative workload
 - Highlight items for which the Unit Purchasing Price increased while the Purchasing Volume also increased
- **Identify best suppliers**
 - For each item, identify the best suppliers to work with

Answer key business questions

- What is our purchasing volume?
- How do we make savings?
- What are our top purchasing categories?
- What are our top purchased products? Did we purchase them at the right price?
- For which products do we have a single supplier dependency?
- For which products do we have too many suppliers and potentially savings opportunities?
- How many suppliers do we work with?

Monitor and improve KPIs

- **Purchasing Volume:** Total purchased volume over the period (expressed in currency)
- **Total Purchase Quantity:** Total purchased quantity, in units, over the period
- **Average Buying Price:** Average price at which items were bought (expressed in currency)
- **Savings / Losses:** Estimate the additional cost or reduction in cost of purchasing an item by comparing it to the average cost of purchasing that same item over the previous 12 months
- **Price Volatility:** Determines how much and how quickly purchase prices move over time
- **Suppliers:** Total number of active suppliers over the period

Required attributes

- **PO Number** (*string*): Purchase unique identifier
- **PO Date** (*date*): Purchase date
- **Supplier** (*string*): Supplier, Vendor...
- **Purchasing Category** (*string*): Type of goods purchases
- **Buyer** (*string*): Internal person or organization responsible for the purchase
- **Item** (*string*): Product or service purchases
- **UOM** (*string*): Unit of measure of the purchased item
- **PO Quantity** (*numeric*): Number of units of item purchased
- **PO Amount** (*numeric*): Amount of the purchase