**Data Source:**

Server: dctraining.database.windows.net

DB: ContosoDB

**Problem Statement:**

* Develop a semantic model utilizing the Contoso Database, incorporating the following elements:
* **FactSales** to represent sales data.
* **SalesQuota** to capture sales target data.
* Integrate other appropriate tables as dimensions from the Contoso Database to create a comprehensive star schema.

**Requirements:**

* Use **import mode**.
* Create a **calendar table** in Power Query, adhering to best practices.
* **Ensure every date column of all tables is adjusted to the current year. For example, if the latest date is August 9, 2009, it will be updated to today's date+1 year, and other dates will be shifted proportionally.**
* Establish **hierarchies** where applicable.
* Maintain both active and inactive relationships, ensuring all relationships are **one-to-many**.
* Create **calculated table and column** if necessary.
* Define a complete set of measures for **key performance indicators (KPIs)** to analyze sales data from multiple perspectives.
* **Analyze growth trends month-over-month (MOM), month-to-month (M2M) and year-to-year (Y2Y) across Channel, Location, and Product hierarchies.**
* **Evaluate achievement percentages for the last 3 years.**