# Demo 2 Data Modeling

**Demo Objectives**

1. Organize tables in the data model
2. Create table relationships
3. Explore filter propagation and filter direction flow
4. Edit created date parameters from the report view

**DEMO steps**

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| * Provide students with detailed information regarding fact and dimension tables * Demonstrate the different ways to create relationships via drag and drop and the relationship manager.   **\*\*\*Key Note it is recommended that you disable the auto relationship feature in the settings** |  |
| * Create the following filters and tables to showcase how the relationship and filter propagate flow impacts the report   **Category Slicer**  Category  **Sub-Category Slicer**  Sub-Category  **Region Table Visual**  Region (Region table)  Quantity (Sales Table)  **Product table visual**  Product Name ( Product table)  Quantity (Sales)  Selling price Per Unit (Product table) | Explain the need for the bidirectional connection between the Sales Rep Profile and the Sales Rep Table  Bi-Direction  Single Direction |
| * Demonstrate how to change the parameter from the report view |  |
| **END** | **Please refer to the Completed Demo 2 PBIX File for further rerance** |