

**Using the report you created in Part 1, complete the following steps:**

**1)** In the **RELATIONSHIPS** view, arrange your tables with the lookup tables above the data tables

- Connect **Transaction\_Data** to **Customers**, **Products**, and **Stores** using valid primary/foreign keys
- Connect **Transaction\_Data** to **Calendar** using both date fields, with an inactive "stock\_date" relationship
- Connect **Return\_Data** to **Products**, **Calendar**, and **Stores** using valid primary/foreign keys
- Connect **Stores** to **Regions** as a "snowflake" schema

**2)** Confirm the following:

- All relationships follow **one-to-many** cardinality, with primary keys (1) on the lookup side and foreign keys (\*) on the data side
- Filters are all **one-way** (no two-way filters)
- Filter context flows "**downstream**" from lookup tables to data tables
- Data tables are connected via **shared lookup tables** (*not directly to each other*)

**3)** Hide all **foreign keys** in both data tables from Report View, as well as "region\_id" from the **Stores** table

**4)** In the **DATA** view, complete the following:

- Update *all* date fields (across all tables) to the "**M/d/yyyy**" format using the formatting tools in the **Modeling** tab
- Update "product\_retail\_price", "product\_cost", and "discount\_price" to **Currency (\$ English)** format
- In the **Customers** table, categorize "customer\_city" as **City**, "customer\_postal\_code" as **Postal Code**, and "customer\_country" as **Country/Region**
- In the **Stores** table, categorize "store\_city" as **City**, "store\_state" as **State or Province**, "store\_country" as **Country/Region**, and "full\_address" as **Address**

**5)** Save your .pbix file