Swapping The Physical Tables Or Queries That Datasets Are Based On

When working in the cube design canvas, you can change the underlying table or query that a dataset is pointing to.

About This Task

This feature allows you to iterate and develop against a smaller test dataset, then switch to the full dataset when you are ready to publish the cube in production.

To use this feature, you must either:

- Use a table that has the same schema, column names, column order, etc. as the original table.
- Use a query dataset that is limit query on the original table.

To change the table for a dataset to another table or to a query dataset, open the cube design canvas and click the Properties icon on the toolbar for the dataset. Then, follow either of these sets of steps.

Procedure

- To switch the basis of the dataset from a physical table to a query:

  1. Under **Dataset Type**, select **Query**.
  2. Under Existing Query, either select an existing query dataset or type the query directly in the **Selection SQL** field.
  3. **Optional:** Click **Preview SQL Result** to see the rows that the query returns.
  4. Click Save.

- To switch the basis of the dataset from a query to a physical dataset:

  1. Under **Dataset Type**, select **Table**.
  2. Select the schema and table.
  3. Click Save.

     The Design Center both switches the dataset to the physical table and saves a copy of the query as a new query dataset. The name of the query dataset is the name of the current dataset followed by the text `(saved query)`. If you want to switch back to the query later, follow the first procedure above, selecting the saved query in step 2.