Understanding the Data for a New Analysis

To effectively create a new analysis in the EPM Data Warehouse, you’ll need to select the correct data. The EPM Data Warehouse organizes data in these ways.

- **Subject Areas**
- **Folders**: Fact and Dimension (data elements)
- Data values to filter the data

This guide provides an overview of these ways to understand the data for a new analysis.

**IMPORTANT:** Expect trial and error as you explore the subject areas, folders, subfolders, and data values. There are likely multiple ways to get the data you need for a new analysis.

1. **Subject areas:** Subject areas are individual libraries of related data.

   - All *SWIFT Financial* reports are under “FMS” for Financial Management System. It includes the modules in the Accounting tiles of SWIFT.
   - All *SWIFT Procurement* reports are under “SCM” for Supply Chain Management. It includes the modules in the Procurement tiles of SWIFT.

Most subject areas use data that is derived across multiple SWIFT modules. They use only some of the data from the module. It is often helpful to understand how the modules works.

For example, if you want to find the accounting data from purchase orders, this information is located on the distribution line. You’ll need to select the correct subject area.

If you have questions about which subject areas are available, please refer to the *Subject Areas for Financial and Supply Chain Management* quick reference guide.

2. **Folders:** Folders hold the data elements for that subject area.

Each subject area has one fact folder and a number of dimension folders. Folders can have subfolders.

- **Fact Folder.** Fact folders contain the data element that are usually a numerical value or a measure. This include data elements such as amount or quantity.
- **Dimension Folder.** Dimensions provide context and meaning to the facts. A data element provides the means to “slice and dice” data in the EPM Data Warehouse.
When you are in the EPM Data Warehouse, open a new analysis and select the subject area, you see the folders for that subject area.

For example, in the *SCM-PROC-Purchase Order Distribution Line* subject area, you can see the folders:

- Fact folder with data elements such as *Sales Tax Quantity*.
- Dimension folder such as *Account* with other data elements such as *Account Code*.

In a new analysis, you’ll drag and drop the folders from the *Subject Areas* to *Selected Columns*. 
3. **Data values to filter the data**: Use values to limit the data that appears in a new analysis using column filters.

After you drag and drop the data elements into the *Selected Columns* pane. You can create filters to limit the output. Use the filter to specify the desired values.

For example, we created a filter for all Account codes that start with “413.”

**IMPORTANT!** If you don’t know the subject areas, folders, or data elements, use the *OBIEE Data Dictionary* quick reference guide.