This reference card is for those who have access to the ISIS MLR Subject and will outline how to build a simple query on this ISIS MLR Subject Area and to rearrange the data in the compound view.

Refer to the online modules and TEE reference example: Ad Hoc Analysis in OBI document for further information on filtering data, adding calculated columns, creating pivot table views and adding charts.

In this example we will build a simple query using the ISIS MLR subject area that shows the number of Female and Male students by Reporting Division for 2011 and 2012.

Before you commence an analysis, it is good practice to think about how you want the result displayed.

Starting a New Analysis

You will need author access in order to create a new analysis. If you have author access a New menu will display on the OBI toolbar.

1. Click New.
2. Click Analysis.

There are a number of different options available. In our example as we want to answer a question, we will select Analysis.
Selecting the Subject Area

The first step is to select a Subject Area for the analysis. A subject area contains related data elements. This example involves selecting the subject area ISIS.

Note: your access will determine the Subject Areas that display. See the data glossary for descriptions of each Subject Area.

1. Select ISIS.

Subject Area Panel

The Analysis screen opens to the Criteria Tab. The Subject Areas panel holds the data values (Dimensions and Facts) for the Subject Area selected.

- Facts are typically calculated data like Nett Eftsl.
- Dimensions define the axis of investigation of a fact such as Year

They are organized as hierarchical columns using both named levels and parent-child relationships. The column is displayed using a tree-like structure. Individual members are shown in an outline manner. A base-lined 'cross domain matrix' will be made available as a reference.
Selecting Dimensions and Facts from Subject Area

The example used in this document will use the following:
- Year (limited to just 2011 and 2012)
- Gender
- Enterprise Hierarchy (so that we can drill down)
- Nett Eftsl

1. Open the Time folder.
2. Double-click or drag Year to the Selected Columns pane.

Filter Year

The example used in this document specifies years 2011 and 2012, so the query requires a filter.

1. Click Filter icon > Filter.

The New Filter pane will display and you can use this to search for the required years.
2. Click the **Search** icon.

3. Double-click or select and click **Move** to select the required year. Double-click 2011 and 2012 to add to Selected.

4. Repeat step 3 for each year required.

5. Click **OK** when all years have been selected.

The Filters pane will display that Year is equal to 2011; 2012.
Add the remaining dimensions and facts.

Once all the dimensions and facts have been added, click the **Results** tab.

### Structure Data Table

The Compound layout pane displays the result on the query. You may drag the columns to change the way this is presented.

1. Drag **Year under Nett Eftsl**.

2. Drag **Gender Description** below **Years**.

![Diagram of Dragging Year under Nett Eftsl](image1)

![Diagram of Dragging Gender Description below Years](image2)
Drill Down
The table is now arranged to display the data in the format specified for the example. You can now drill down to find the reporting division.

3 Click on Enterprise Hierarchy to Drill Down further.