Open file: **Compare_Filtered-Unfiltered.dxp**

- Apply filtering to isolate data which meets the following criteria:
    - Max *Customer age* = 65
    - *Gender* = Female
    - *Date joined* = on or before 10/21/2010
- Bar Chart **Properties**
    - **Appearance** section
        - Check the box for **Show shadows indicating the unfiltered data**
        - Close the **Properties** dialog
- Slide the *Date joined* filter back to 06/19/2012
- Right-click on Bar Chart to Duplicate Visualization
    - Arrange the two bar charts side by side
- For one of the bar chart copies: Bar Chart **Properties**
    - **Appearance** section
        - Uncheck the box for **Show shadows indicating the unfiltered data**
    - **Subsets** section
        - Check the box for **Not in current filtering** (note the red and blue bar segments)
        - Select **Not in current filtering** and click the **Move Down** button (note that the order of the bar segments is reversed)
    - **Colors** section
        - Change the color for **Not in current filtering** to light grey
        - Close the **Properties** dialog
- Continue adjusting filters and note that both bar charts behave the same
- Try marking the shadows in the Bar Chart configured to 'Show shadows indicating the unfiltered data' (Note that you will be unable to mark those shadows)
- Try marking grey bar segments in the Bar Chart configured to display 'filtered-out' data as a separate subset (Note that you *are* able to mark those bar segments)

Move to the page titled **'Shadows' using Subsets**

- Apply filtering to isolate data which meets the following criteria:
    - Min *Customer age* = 50
    - *Gender* = Male
    - *Date joined* = on or after 5/7/2012
- Parallel Coordinate Plot **Properties**
    - **Subsets** section
        - Check the box for **Not in current filtering**
    - **Colors** section
        - Change the color for **Not in current filtering** to light grey
        - Close the **Properties** dialog

- Return patterns by sliding the Date joined filter minimum to sometime in March of 2011
- Drag a rectangle to mark New York customers with high purchases in the Groceries department (note that both Filtered-to and Filtered-out subsets are marked)
- Click where there is nothing to clear marking
- Parallel Coordinate Plot **Properties**
    - **Subsets** section
        - Select **Not in current filtering** subset and click **Edit** button
            - Check the box to **Deactivate highlighting/marking for this subset**
            - Click **OK**
        - Close the **Properties** dialog
- Drag the same rectangle to mark New York customers with high purchases in the Groceries department (note that only the Filtered-to subset is marked)
- Try hovering your mouse over lines to 'outline' them with highlighting and display tooltip boxes (only the Filtered-to subset is interactive with highlighting and tooltip display)