

The following tasks should be fulfilled by you:

- a) Open the Query Editor and use the advanced editor to connect Power BI to the source files. You learned how to do this in the first module
- b) Go back to the data model and open the report view to create a visualization. Select a line chart which can display data as follows:
 - a. Average price (Price-End of day) for each year and month. Both dimensions can be selected in the chart
Hint: Think about the *Calendar* table we created in the last assignment and remember the hierarchies. Regarding the average, think about the measure we created or alternatively about what we learned about how data should be summarized in a visualization
- c) Create a second visualization. This should be a combined chart, which displays the following information:
 - a. Quarterly data from Q1 2010 – Q2 2017
 - b. Columns which should display the average Price-End of day of the corresponding quarter
 - c. A line, which shows the average percentage change between the *Price-End of day* and the *Price-Start of day* for each quarter
 - d. This chart should not include any hierarchies
Hint: Don't forget the calculated columns we created and how these are summarized
- d) Create a slicer. The slicer should include the data of the different Weekday-Names and not affect the combined chart created before
Hint: Remember the interactions!
- e) Create a column chart. The chart should present the average Price-End of day for the different weekdays. With the slicer you should be able to select the day that should be displayed in this column chart
- f) Create a gauge chart, displaying the minimum, the maximum and the average Price-End of day
Hint: We didn't use this visualization so far. But you know how to work in the report view now. Take a look at the function of the visualization and don't forget about the measures we created in the last assignment

And now have fun with the last assignment. In case you get stuck, just take a look at the solution video.