**Program szkolenia:**

QlikSens features and architecture, file types

User preferences - recommended settings

Building a data model

* Types of the data keys, understanding and controlling associations
* Data loading script -  running, labelling and editing
* Data transformation steps (rotate, conditional delete, fill etc.)
* Importing and joining data from different sources (Excel files, CSV, databases)
* Reloading data in model, reducing data model size

Building simple dashboards based on data models

* Handling with the sheets
* Using basic objects of dashboard (listbox, pivot table, chart and chart wizard, button etc.)
* Using dimensions and measures, proper formatting and sorting
* Calculations and data aggregation (Sum, Count, Distinct Count, Average etc.), building expressions with functions and operators, multidimensional grouping
* Dynamic filtering: using selections, sliders and calendars on dashboards

Useful keyboard shortcuts