

MDX Queries

Goal

The goal of the task is to formulate and execute MDX queries and implement KPIs. MDX queries must correspond to the ones defined in the requirements specification. Analogically KPIs are the implementation of business goals.

Subtasks for implementation

1. Formulate and execute MDX queries defined in the requirements specification (the ones assigned to the analytical problems).
2. It is necessary to use in MDX queries (at least once): calculated member, WHERE clause, MDX function operating on the dimension hierarchy, Top... or Bottom... function and a numerical operation. If the queries defined in the first point do not fulfill requirements defined in the second points it is needed to formulate additional queries fulfilling the requirements.
3. Implement KPIs in Visual Studio Data Tools (at least 2). At least one KPI must refer to the previous time period. If this requirement is not fulfilled by KPIs defining business goals the new KPI must be formulated.

Products

NOTE: All products must be uploaded to Moodle, otherwise they will be treated as not done!

Short report containing MDX queries and KPIs.

Maximum score – 10 points.