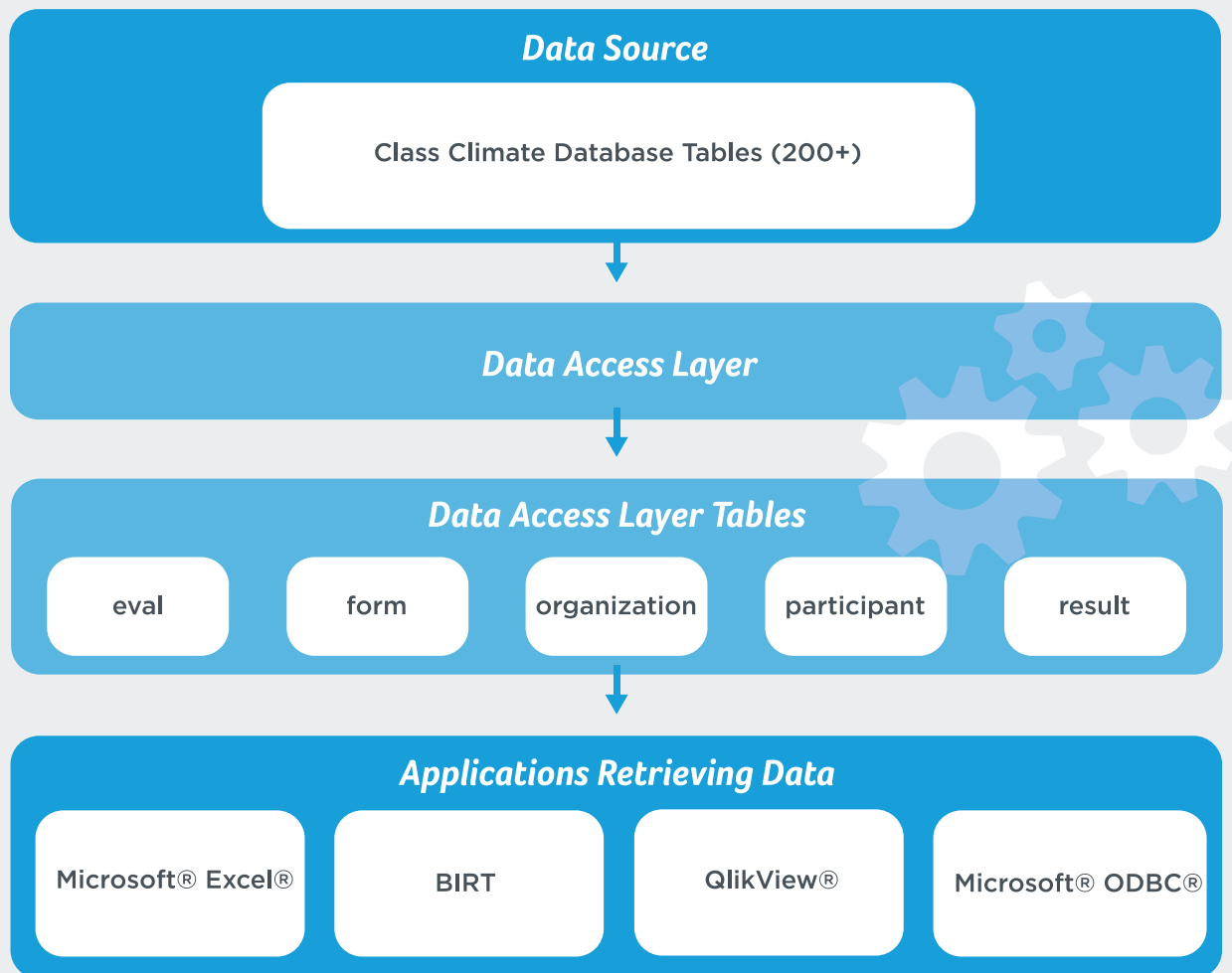# Class Climate Data Access Layer (DAL)

Direct data access made easy with Scantron Professional Services

The Class Climate Data Access Layer (DAL) allows direct access to Class Climate data, without being bogged down in details about the internal system. Under the hood, Class Climate uses over 200 database tables to model your organization's evaluation processes.

Data Source

Class Climate Database Tables (200+)

Data Access Layer

Data Access Layer Tables

| eval | form | organization | participant | result |

Applications Retrieving Data

| Microsoft® Excel® | BIRT | QlikView® | Microsoft® ODBC® |

How DAL Works

The Class Climate DAL represents your data in 5 simplified tables called codebooks:
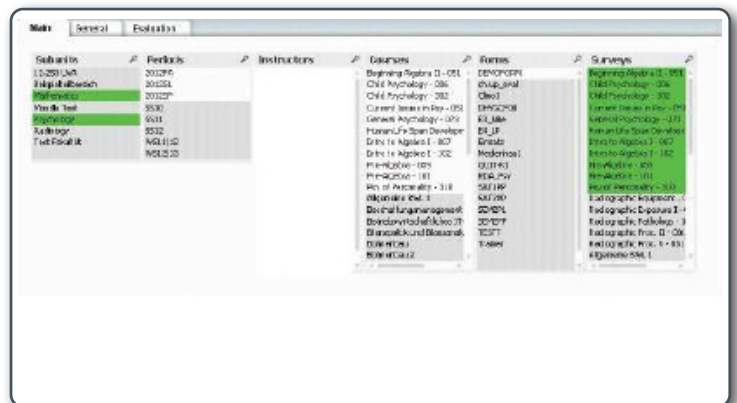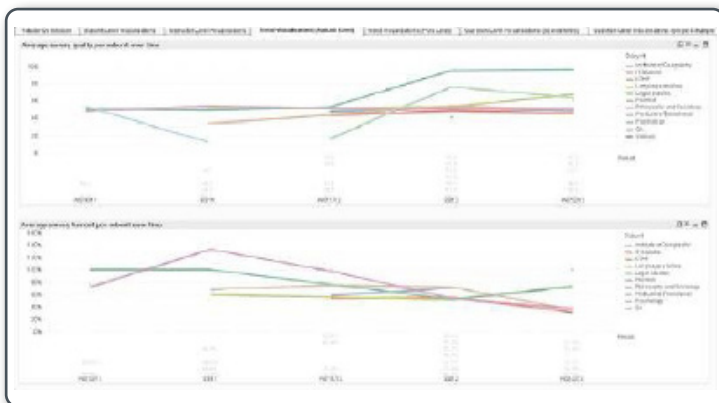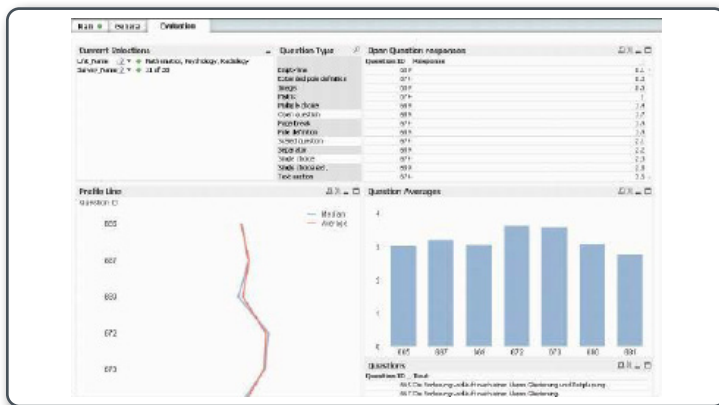
- **Evaluation Codebook:** Contains evaluation related data, such as calculated averages, quartiles etc.

- **Form Codebook:** Contains form elements, i.e. the actual question items

- **Organization Codebook:** Contains structure data, i.e. sub units, instructors etc.

- **Participant Codebook:** Contains participant data of non-anonymous surveys

- **Result Codebook:** Contains survey result raw data

What are the benefits to using the Class Climate DAL?

- Allows you to read Class Climate data directly from the database.

- Enables you to access Class Climate data from external reporting tools.

- Populates Excel 2007-based reporting templates with Class Climate data, allowing you to use the features in Excel to present your Class Climate data.

Sample analytics views created using the Class Climate DAL and Microsoft Excel

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