

Dataman - Teaching Material - WiSe 23/24

Slides

- Intro ([pdf](#))
- Relational Data Model ([pdf](#))
- Spreadsheets versus Relational Data Model ([pdf](#))
- SQL Intro ([pdf](#))
- SQL Join ([pdf](#))
- SQL Aggregation ([pdf](#))
- SQL Subqueries ([pdf](#))
- SQL Case Studies ([pdf](#))
- Business Performance Management ([pdf](#))
- Business Intelligence ([pdf](#))
- ETL - Example ([pdf](#))
- Procurement Analytics ([pdf](#))
- Tableau Intro ([pdf](#))
- Machine learning Intro ([pdf](#))
- Machine learning Trees ([pdf](#))
- Machine learning classifier metrics ([pdf](#))

Videos

- Videos ([link](#))

External Ressources

- SQL Learning Sites ([link](#), [link](#), [link](#))
- DB Visualizer User guide ([link](#))
- Tableau Desktop and Web Authoring Help ([link](#))
- Tableau Choose the Right Chart Type for Your Data ([link](#))
- Tableau Tutorial ([link](#))
- Python Cheat Sheet ([link](#))
- Visual Numpy ([link](#))
- Visual Pandas ([link](#))
- The Mechanics of Machine Learning ([link](#))
 - A First Taste of Applied Machine Learning ([link](#))
 - Exploring and Denoising Your Data Set ([link](#))
 - Categorically Speaking ([link](#))

Training Examination

- Exercises ([link](#))
- Exercises with Solution ([link](#))