# Thesis Agenda

1. Introduction
   1. Motivation
   2. Hypothesis and Target
   3. Thesis Structure
   4. Research Design
2. Fundamentals
   1. Agile Project Management
      1. Definition of Project Management
      2. Agile vs. Traditional Project Management
      3. Characteristics of Agile Project Management
      4. Agile Project Success
   2. Business Intelligence and Data Warehousing
      1. Definition Business Intelligence
      2. Definition Data Warehouse
      3. Cloud Data Warehouse
   3. Machine Learning
      1. Definition Machine Learning
      2. Classification
      3. Classification Algorithms
      4. Metrics for Evaluation
   4. Used Tools
      1. SAP DWC
      2. JIRA
      3. Git
      4. Python
3. Creating the Analytics Environment
   1. Preliminary Considerations and Data Preprocessing
      1. Selection of Data Sources
      2. Dataset Exploration
      3. Definition of Target Class
   2. Setting up the DWC
   3. Integration of Data Sources
4. Forecasting Project Success
   1. Feature Selection and Feature Engineering
   2. Model Selection
      1. Preselection of Classification Algorithms
      2. Model Application
      3. Model Evaluation
5. Evaluation
   1. Criteria for Evaluation
   2. Evaluation of Results
6. Conclusion and Outlook