DS Presentation

Research Paper Overview

- **Title**: *The Improvement Role of Real Time Data Analytics on Autonomous Decision for Managers in the German Automation Industry*
- **Theory**: Data-Driven Decision-Making (DDDM)
- **Tools**: SAP HANA
- **Focus**: Decision-making of planning managers

Reproduction Plan

- Reproduce original research structure
- Use survey data from planning managers
- Analyze real-time analytics influence

Dataset Details

- Format: Online survey (Likert + categorical)
- Sample: Planning managers (Germany)
- Collected: 30+ responses
- Tools: R, Excel

Progress So Far

- Literature review completed
- Survey built & distributed
- Data cleaning in progress
- EDA (Exploratory Data Analysis) ongoing

Challenges

- Small sample size
- Missing values in responses
- Some variables unclear
- No access to original codebase

Next Steps

- Complete data cleaning
- Run statistical models
- Compare findings to original paper
- Prepare final report

Links (to be added)

- GitHub HTML version
- PDF version
- Feedback form (optional)