

CSSE 386 – Data Mining with Programming
Rose-Hulman Institute of Technology

Final Project

Milestone 2 Checklist - Final Project

Use this checklist to ensure progress tracking and alignment with project goals. Add this checklist to your milestone two submission:

- ☐ **Understanding the Data Mining Task** - Clearly define the objective and the type of analysis required
- ☐ **Learning the Data** - Understand the dataset, its structure, and its features
- ☐ **Looking for Additional Data Sources** - Explore external datasets that could enhance the analysis
- ☐ **Planning Normalization Techniques** - Choose appropriate preprocessing steps like standardization or min-max scaling
- ☐ **Planning the Models for Prediction** - Identify and justify the predictive models to be used
- ☐ **Planning Dimensionality Reduction Techniques** - Decide on techniques like PCA to simplify data
- ☐ **Planning Clustering Techniques** - Outline strategies for unsupervised learning where applicable
- ☐ **Exploring Business Solutions** - Reflect on what business solutions are important for the client
- ☐ **Managing Teamwork** - Ensure fair distribution of tasks among team members
- ☐ **Addressing Ethical Considerations** - Ensure the project and data usage adhere to NDA requirements
- ☐ **Reviewing and Documenting Progress** - Maintain records of all decisions and iterations