

CRISP-DM Project Template

1. Business Understanding

Objective:

(What problem are you solving?)

Stakeholders:

(Who needs the results?)

Success Criteria:

(How will you measure impact?)

2. Data Understanding

Data Sources:

(Where is the data coming from?)

Data Overview:

(What variables exist? How much data?)

Initial Observations:

(Missing data, outliers, inconsistencies?)

3. Data Preparation

Cleaning Steps:

(Null handling, duplicates removal?)

Feature Engineering:

(New columns created?)

Final Dataset:

(Summary of rows, columns, format?)

4. Modeling

Algorithms Used:

CRISP-DM Project Template

(e.g., XGBoost, SVM?)

Performance Metrics:

(AUC, RMSE, Accuracy?)

Hyperparameters:

(What tuning was done?)

5. Evaluation

Model Performance:

(How well does it generalize?)

Business Implications:

(Does it solve the original problem?)

Recommendations:

(Go / No-Go / Improvements?)

6. Deployment

Output Format:

(App, API, dashboard?)

Monitoring Plan:

(Track performance over time?)

Documentation:

(Instructions, limitations, contacts?)