

IE 7275: Project Report Guidelines

Report Format	Your report can be about 20 pages long (including cover page, figures, and tables). Use 1.5 inter-line space, 12pt font size, and 1-inch margins on all sides. Your report should include the following sections.
Problem Setting	Describe the context in which the problem is defined. It can give background of the domain, application, and challenges.
Problem definition	State specific problem being addressed within the scope of the problem setting. It could be the list of questions for which you are trying to find answers through data analytics.
Data Sources	Describe the data source including citation to website and/or publication reference.
Data Description	Describe data available to address the problem. The description can include names of the datasets, number of columns, number of rows, and a sample of variable names.
Data Exploration	Describe statistical and visualization methods used to explore the data.
Data Mining Tasks	Describe data mining tasks performed in the project. They can include data reduction, data transformation, missing data imputation, classification, prediction, association, and clustering.
Data Mining Models/Methods	Describe data mining models and methods employed to address the problem. They include multiple linear regression, Logistic regression, k-NN, Naïve Bayes classifier, decision trees, neural networks, linear, neural networks, association rules, etc.
Performance Evaluation	Discuss the performance evaluation methods used. They include metrics such as MAE, AE, and RMSE. They can also include tools like lift charts, AUROC, F1 score, etc.
Project Results	Discuss the key finding and deliverables of the project.
Impact of the Project Outcomes	Describe the value created by your data mining effort, particularly by your predictive models and/or association rules.

Project Title**Project Milestone** Project Report**Student Name** Student 1

Student 2

Student 3

Email Email 1

Email 2

Email 3

Contribution Student 1 - %

Student 2 - %

Student 3 - %

Submission Date Date