

Project Report Template

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1 Introduction

A paragraph or two introducing the project.

2 Business Problem

Describe discussions with client (business experts) and record decisions made and shared understanding of the business problem.

3 Data Sources

Identify the data sources and discuss access with the data owners. Document data sources, integrity, providence, and dates.

4 Data Preparation

Load the data into R and perform various operations on the data to shape it for modelling.

5 Data Exploration

We should always understand our data by exploring it in various ways. Include data summaries and various plots that give insights.

6 Model Building

Include all models built and parameters tried. Include R code and model evaluations.

7 Deployment

Choose the model to deploy and export it, perhaps as PMML.

8 Echoing Code

```
x <- runif(1000) * 1000
head(x)

## [1] 650.98093 223.04154 692.07166 418.48000 50.20593 260.38107

mean(x)

## [1] 500.9089
```

9 Non-Echoing Code

```
## [1] 590.72623 416.48461 357.52212 87.37779 112.60874 659.86050
## [1] 509.2483
```