

# Data Analytics Project

Fan Jia

Jiawei Li

Strahinja Trenkic

Qiqi Zhou

## Contents

<b>1</b>	<b>Data Preparation</b>	<b>3</b>
<b>2</b>	<b>Exploratory Data Analysis</b>	<b>3</b>
<b>3</b>	<b>Tree-based Models</b>	<b>3</b>
<b>4</b>	<b>Neural Network</b>	<b>3</b>
<b>5</b>	<b>Support Vector Machine</b>	<b>3</b>

## 1 Data Preparation

```
import pandas as pd

bank_mkt = pd.read_csv("data/BankMarketing.csv")

bank_mkt

# convert to category data type
# handle missing values
```

## 2 Exploratory Data Analysis

This is exploratory data analysis part.

You can write LaTeX, which is a nice tool for generating mathematical formulas like this:

$$y = \beta_0 + \beta_1 X$$

```
# Insert code here.
```

## 3 Tree-based Models

This is tree-based models part.

```
# Insert code here.
```

## 4 Neural Network

This is neural network part.

```
# Insert code here.
```

## 5 Support Vector Machine

This is SVM part.

```
# Insert code here.
```

```
# Insert code here.
```

```
# Insert code here.
```