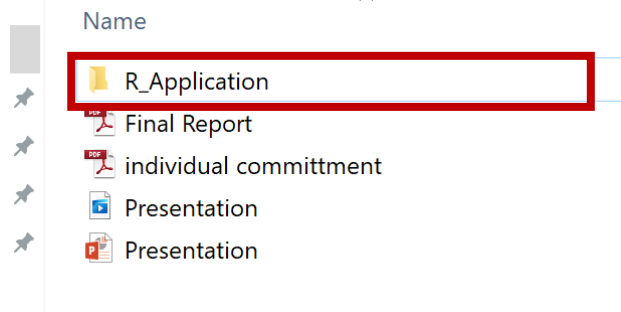# Set Up for running the R application:
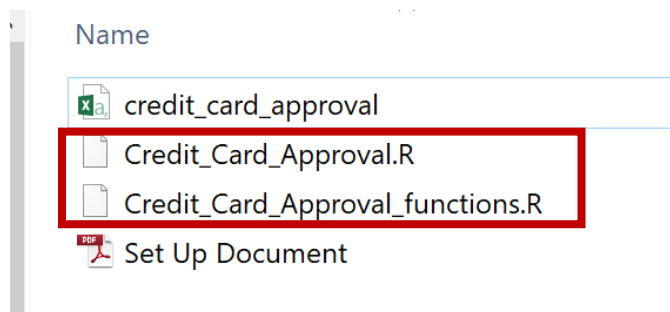
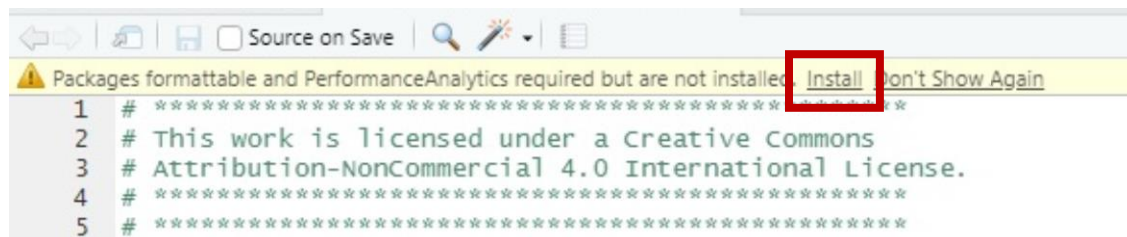**Title:** Prediction of Credit Card Approvals

Group: Data wizard

1- Set the working directory to the "R_Application" folder.

2- Open both "Credit_Card_Approval.R" and "Credit_Card_Approval_functions.R".

3- After opening the R files, the below warning might appear for both files. Press Install for both.

4- Required libraries:
Library from CRAN - pacman – outliers – formattable - ggplot2 – tensorflow – keras – knitr – tidyverse – mice - lattice – DataExplorer – caret – reticulate – rpart - data.table - reshape2 – plyr – dplyr - randomForest

5- Install TensorFlow:

    5.1- Install tensorflow package:

```
> install.packages("tensorflow")
```

    5.2- Import the tensorflow library by writing the below code in console:

```
> library(tensorflow)
```

    5.3- Install tensorflow:

```
> install_tensorflow()
```

    5.4- It might ask you to install Miniconda. Type "Y" and press Enter.

```
> Would you like to install Miniconda? [Y/n]: Y
```

6- Now, run the "Credit_Card_Approval.R".