

Multiple Linear Regression Lab - Data Analysis and Visualization

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Linear Regression

You are asked to suggest the best model to predict credit balance of credit holders.

R comes with many built datasets, including “Credit” data set and you decide to start with analysis of that data set first.

- Load “Credit” data set by loading “library(ISLR)”.
- Remove categorical columns (Gender, Student, Married, Ethnicity) and also ID by running following command

```
Credit2 = Credit[-c(8:11)]
```

```
Credit2 = Credit2[-1]
```

1. Predict credit balance as a function of the rest of the parameters using “Credit2” data set.
2. Suggest the best model for predicting credit balance. The best model gives high accuracy by adding only important parameters.

