**Problem Description**

Based on 16 different features of adults, how to expect whether the salary of adult will be more than or less than 50K

**Solution**

Performing exploratory data analysis on 16 features:

Age

Workclass

Fnlwgt

Education

Education-num

Marital-status

Occupation

Relationship

Race

Sex

Capital-gain

Capital-loss

Hours-per-week

Native-country

And performing 6 different classiciation models:

logistic regression

K nearest neighbor

Support vector classifier

Naïve bayes

Decision tree

Random forest