

# Income Class Model

Team Features

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# Outline

*Problem Statement*

*Data Wrangling and Cleaning*

*Exploratory Data Analysis and Visualization*

*Modeling and Scores*

*Conclusions*

# Problem Statement

- Predicting if a person's income is in excess of \$50,000 given certain profile information.

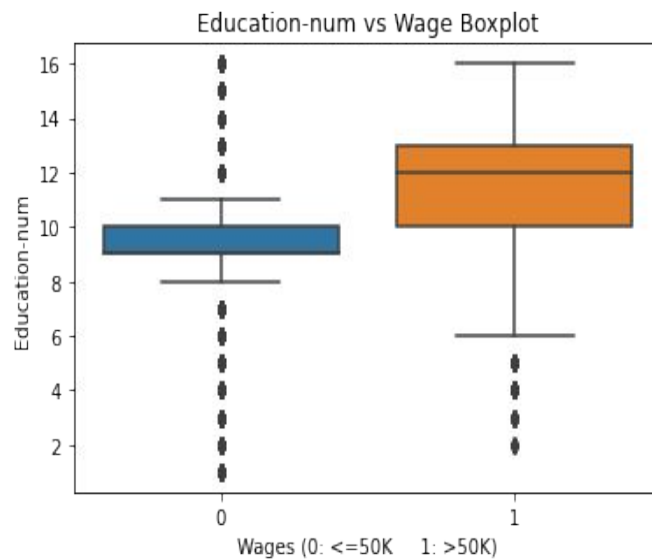


# Wrangling and Cleaning

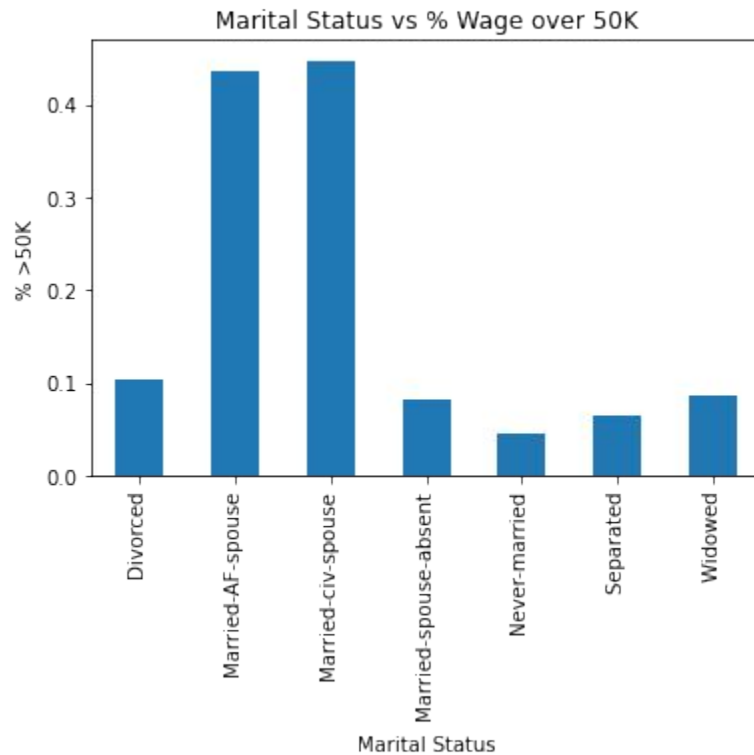
- Replacing Non-Values
- Merge “Capital Gain” and “Capital Loss” to “Capital Change”
- Changed Native Country to US / Non-US



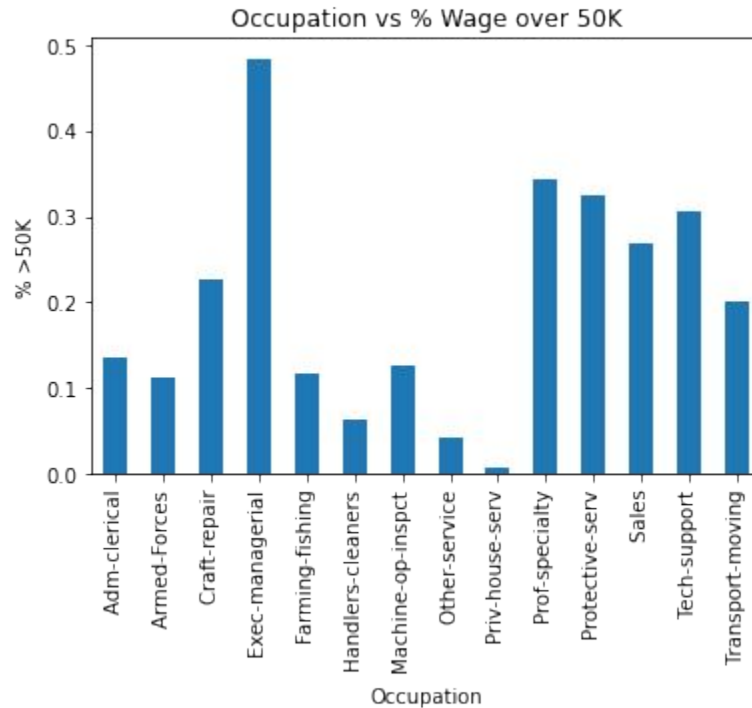
# EDA and Visualization



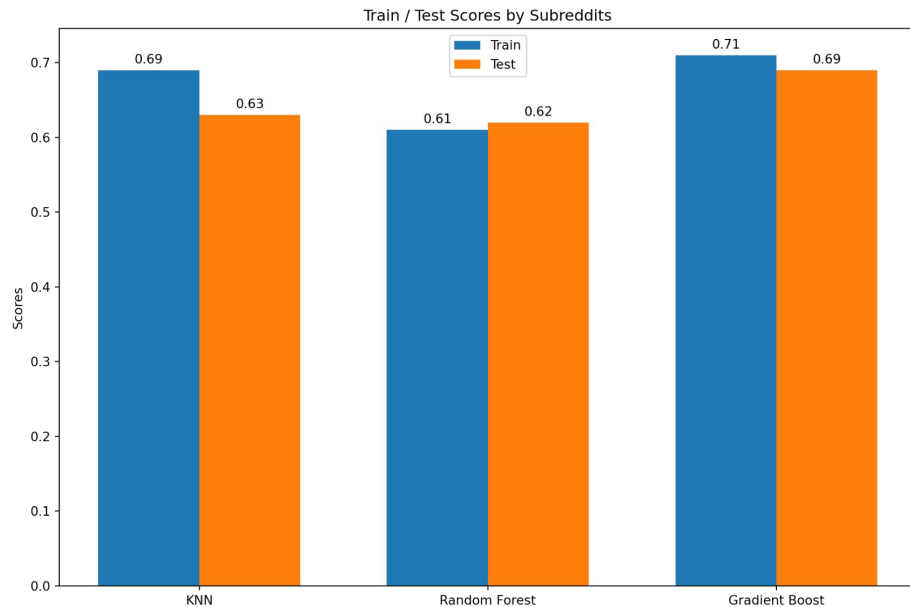
# EDA and Visualization



# EDA and Visualization

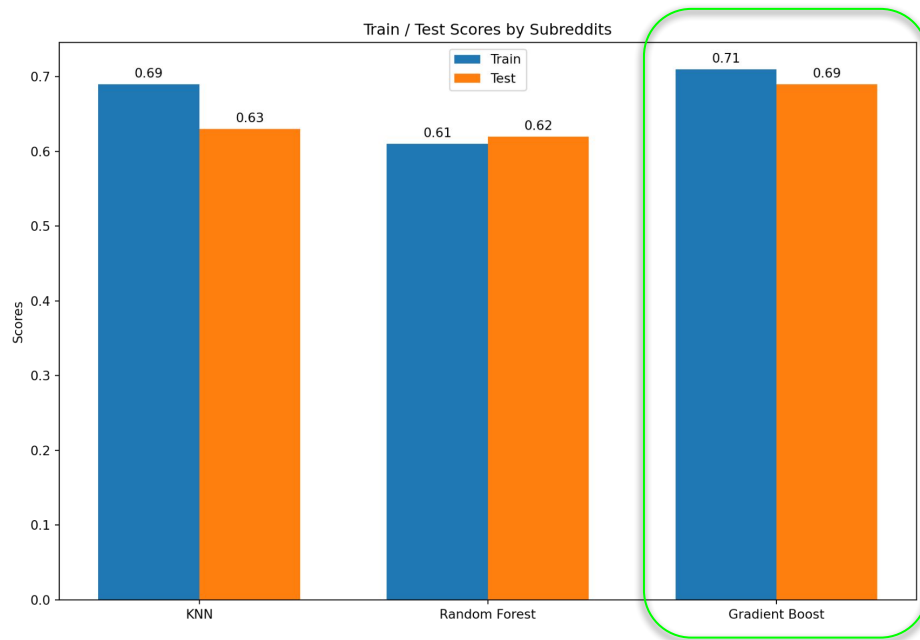


# Modeling and Scores - F1 Scores





# Modeling and Scores - F1 Scores



# Modeling and Scores - Features

