

Text Analysis Assignment 2

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Hate Speech Recognition

- Data Division
- Model Selection
- Performance Measures

Data Division

- The first task of the project is data division which needs to be done in different ratios of 25, 50, 75, 100
- It needs to be done for both methods

Model Selection

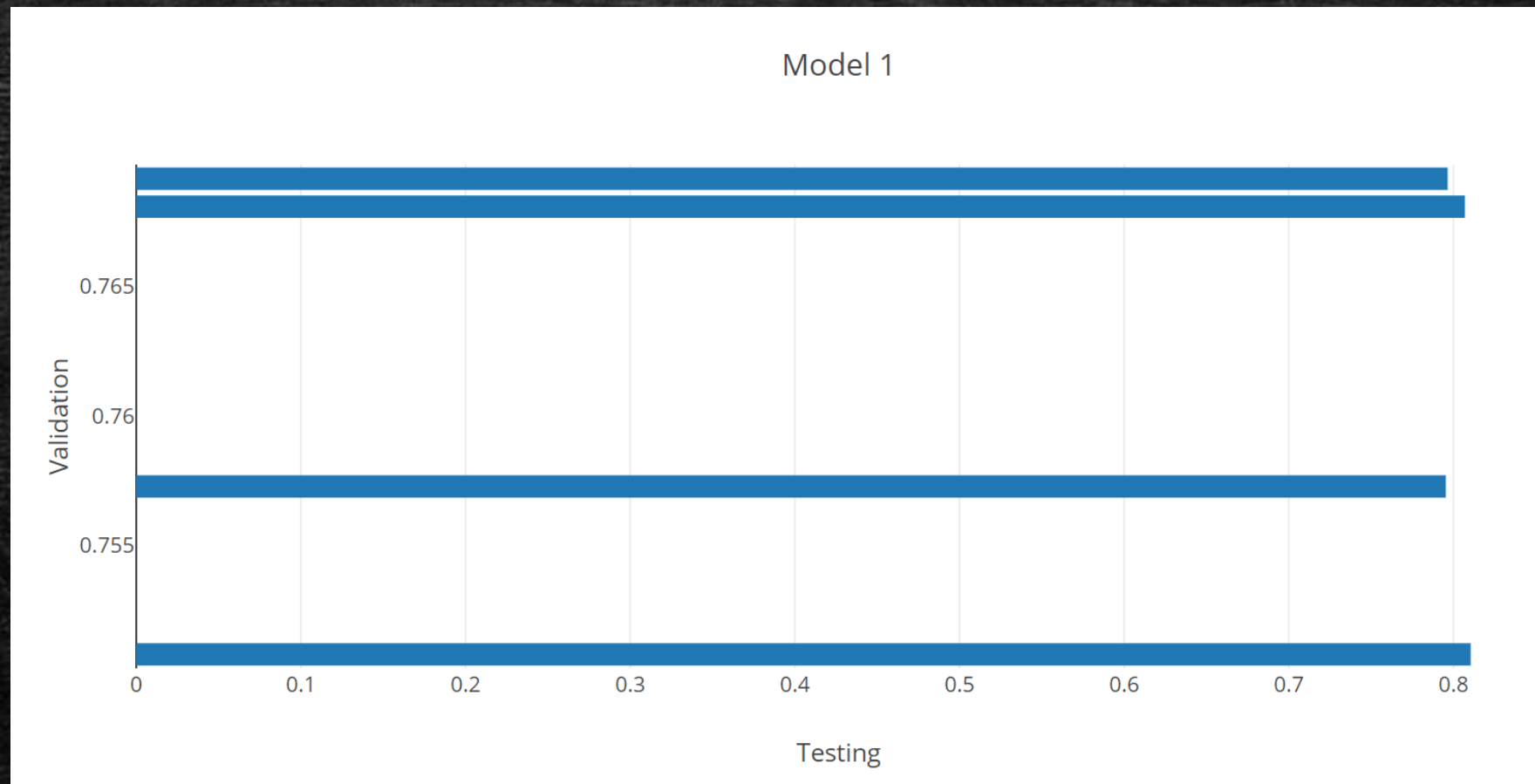
The models being used for this problem are classifiers

- Random Forest Classifier
- Support Vector Machine Classifier

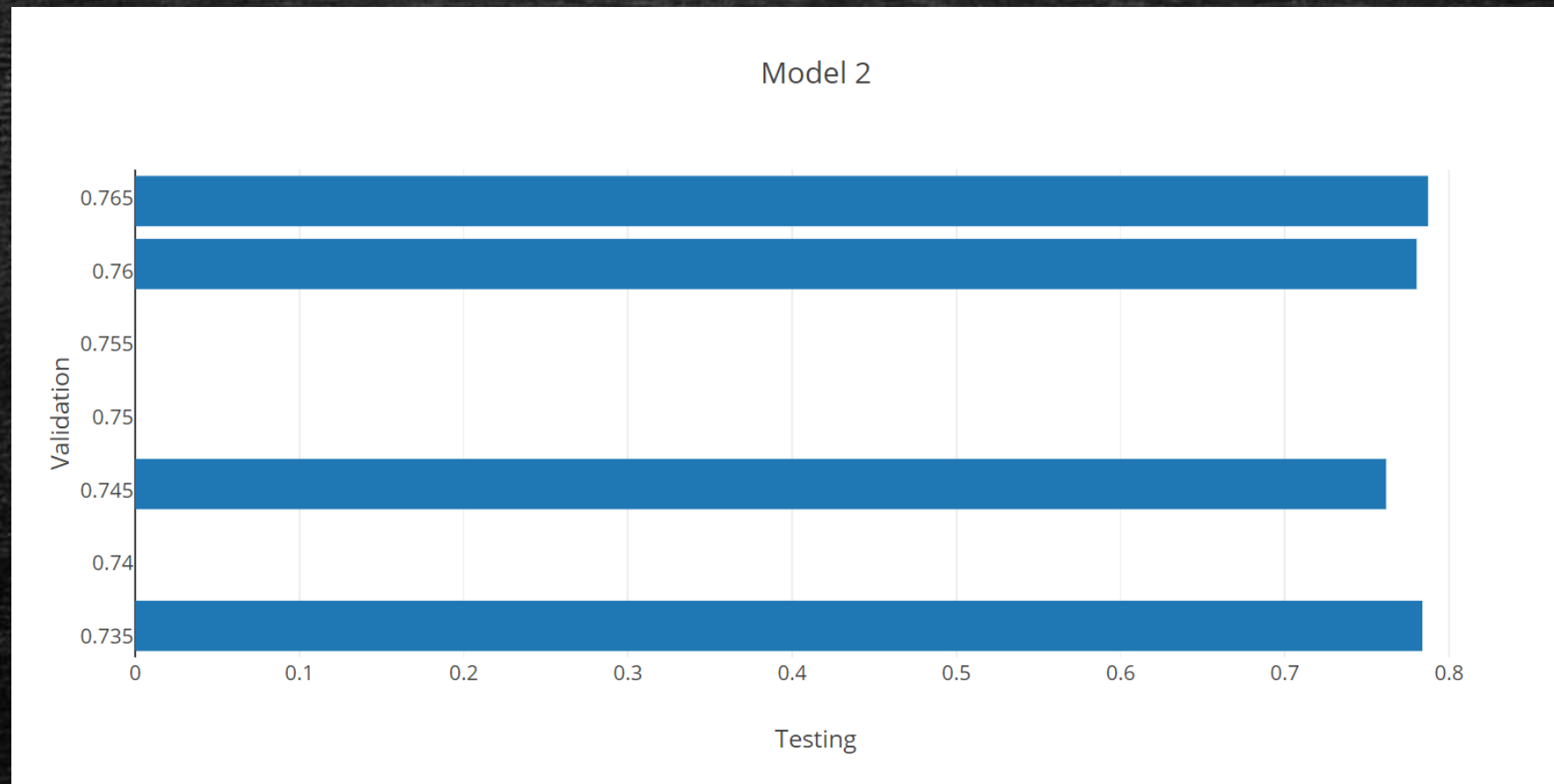
Performance Matrix

- Confusion Matrix
- Classification Report
- Accuracy
- F1 score

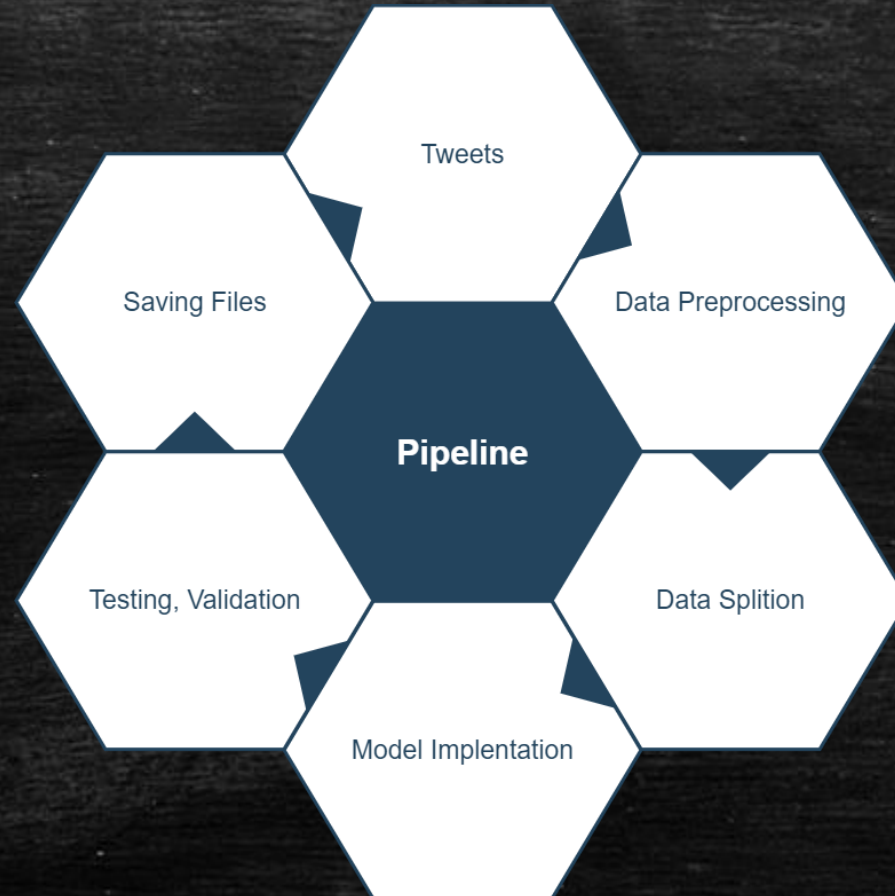
Models Accuracy



Models Accuracy



Pipeline





Thank you