REVIEW BASED ANALYSIS OF MOBILE PHONES

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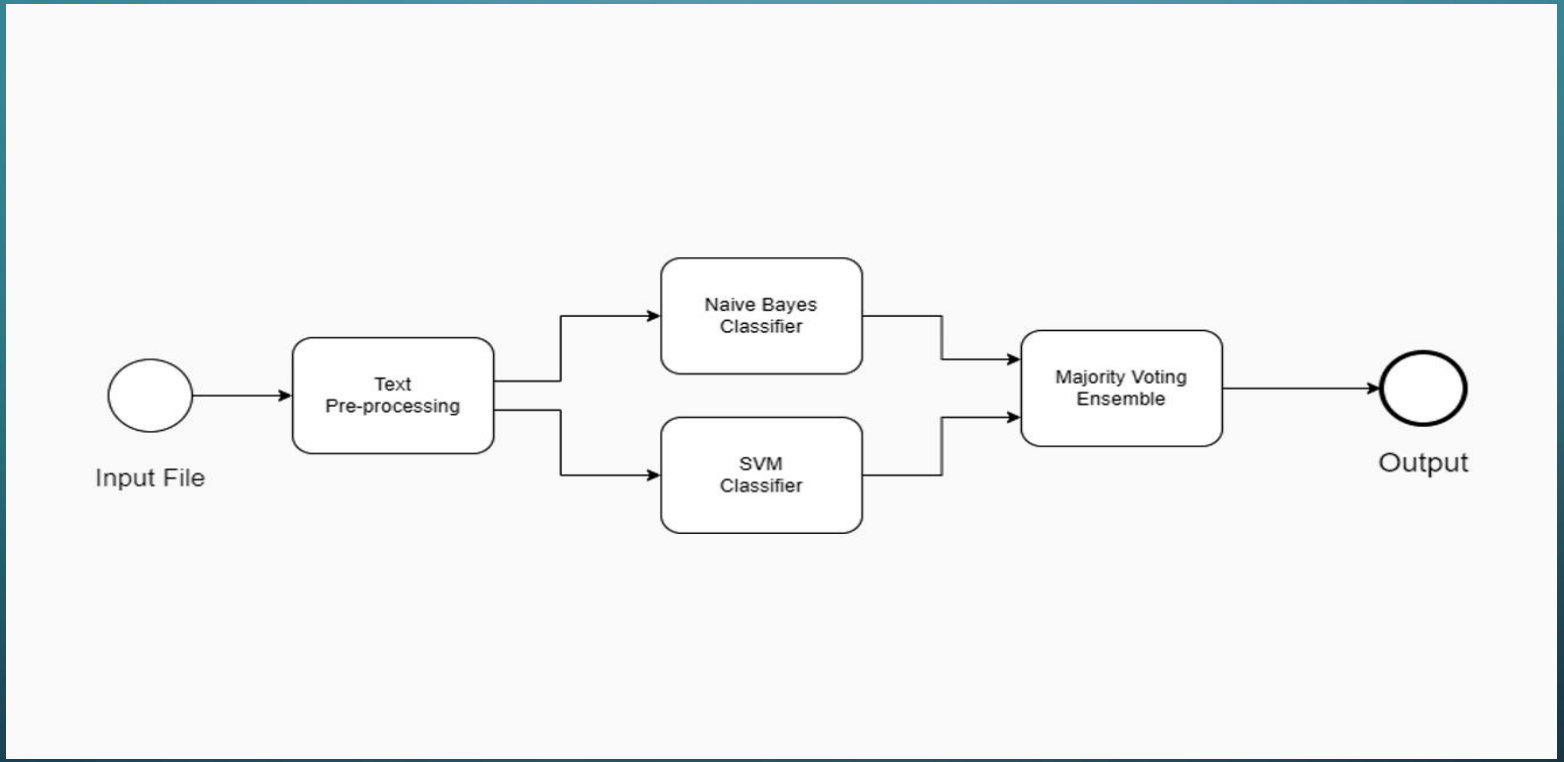
INTRODUCTION

System will take the given features and will analyze the mobiles reviews according to given features and output the top suggestions.

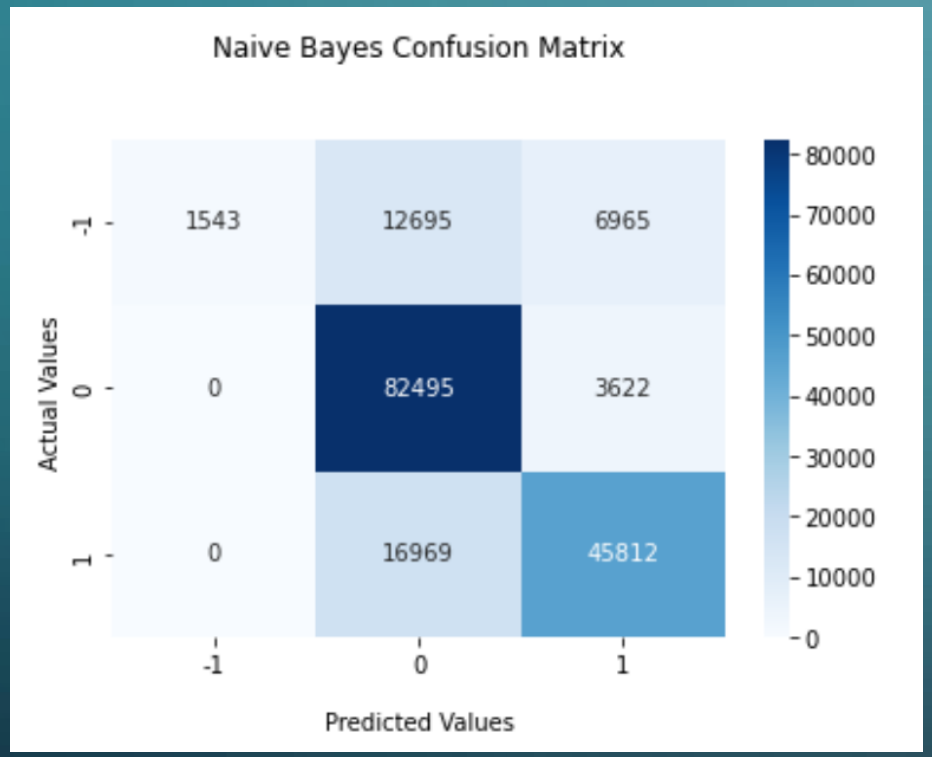
MOTIVATION

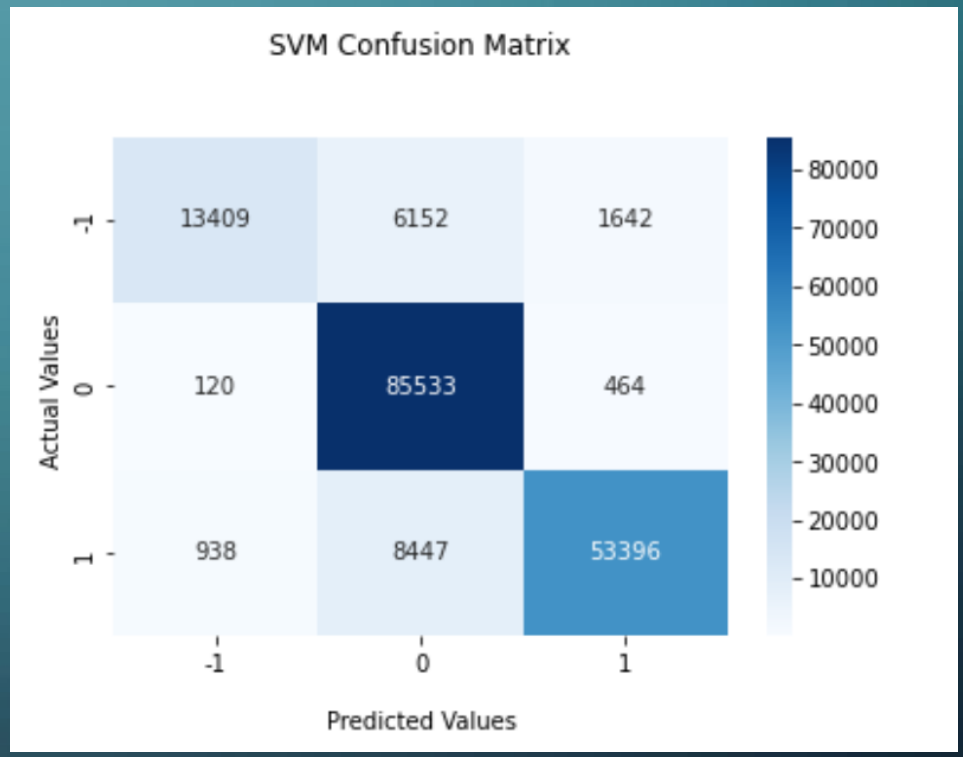
A web application that provides best mobile phone suggestions based on specific selected features. It will save time by automating analysis of reviews.

GOALS ACHIEVED



CONFUSION MATRIX





ACCURACY

Naïve Bayes = 0.76 = 76%

SVM = 0.89 = 89%

Majority Voting Ensemble = 0.83 = 83%

TECHNICAL DIFFICULTIES

- Data-set
  - Slang
  - Emoticons and special characters
  - Grammatical mistakes

FYP-2 GOALS

- Feature based ranking
- Fake reviews detection
- Improve accuracy

QUESTIONS?