Report:
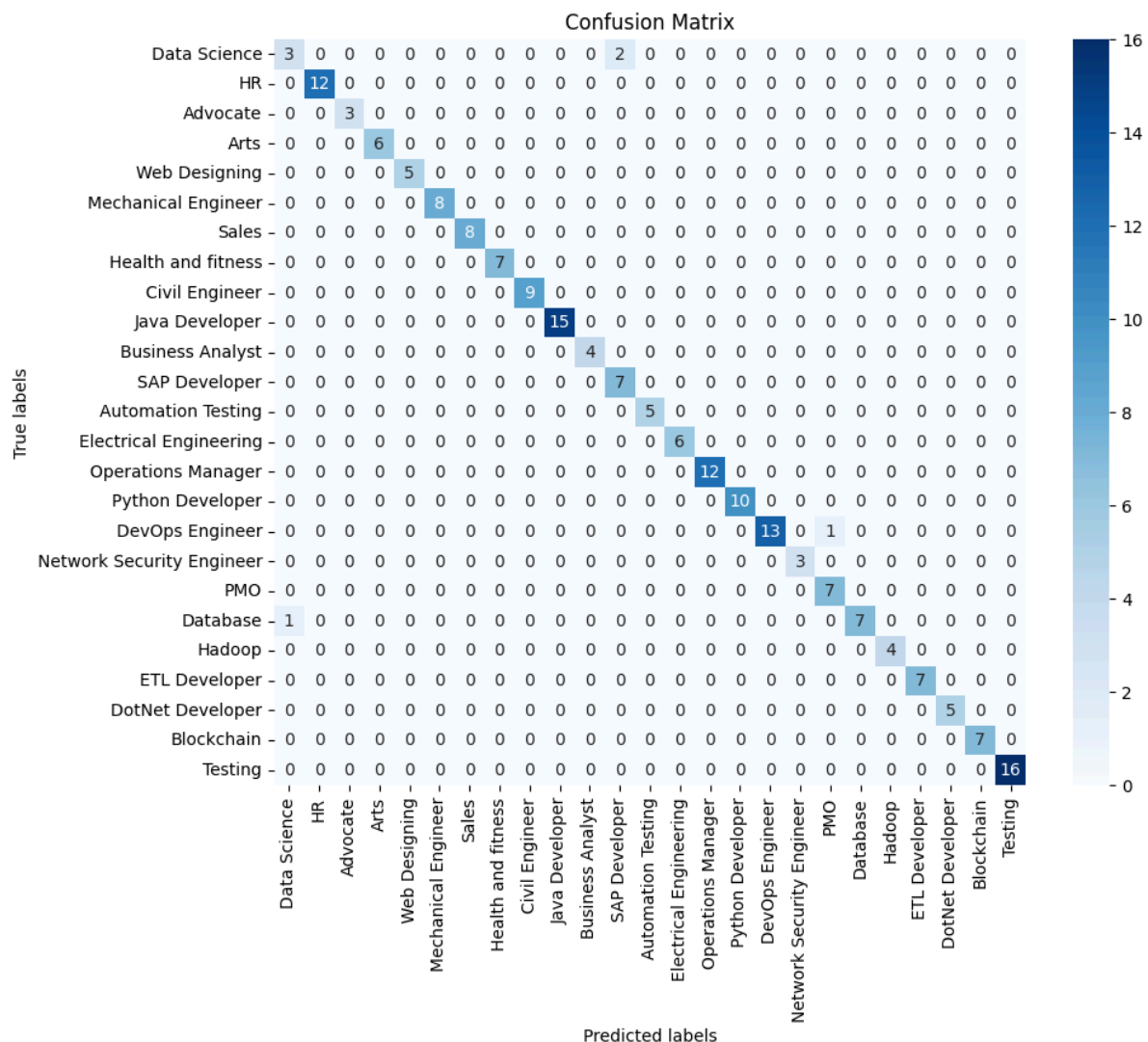
Dataset taken from: https://www.kaggle.com/datasets/gauravduttakiit/resume-dataset

-> We used TF-IDF vectors to encode textual values to numbers.
-> Label encoded all the categories from 1 to 25.
-> Divided train and test in ratio of 80:20
-> We used K-Nearest Neighbours to classify the textual values from the resume.
-> Got an accuracy of 98% on the test set.
-> Precision : 0.98
-> Recall : 0.98
-> F1 Score: 0.98

Confusion Matrix

-> We created a simple front end to demonstrate a working prototype of our project.