Campus Recruitment

Machine learning project Academic Year / Level: 4th 1st Semester CS major

Team Members

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Project Objective

Our goal is to predict whether a candidate will be hired or not.

This is a classification problem and we will use KNN and SVM and compare how these perform individually

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We Will Work On

- Data Exploration & Cleaning
- Look for null values in our data.
- Determining factors that influence placement
- Drop Misleading or unnecessary column
- Split them and into training and testing sets
- Scale down our features in order to have better results
- And then We will apply KNN and SVM on this data.

Results

SVM

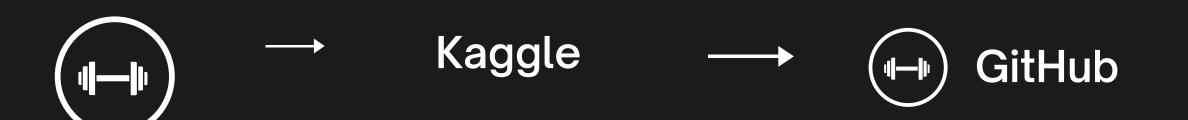
- Accuracy: 79.06976744186046
- Precision: 82.14285714285714
- Recall: 85.18518518519

KNN

- Accuracy: 74.4186046511628
- Precision:
 - 80.76923076923077
- Recall: 77.7777777779

Referances

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• Campus Recruitment Kaggle Challenge