CAREER GUIDANCE SYSTEM

Srinath-20WU0101031 Hotragn-20WU0101030

WOXSEN UNIVERSITY SCHOOL OF TECHNOLOGY

Overview

Career guidance system that can help students choose the right paths for future emerging technologies through their existing level of knowledge, interests, and available sectors to improvise in the future by the time the students reach career level, based on past people who succeeded in choosing the same path, thereby providing the best suggestion through ML.

Problem Objectives







CHOOSING A CAREER PATH
VARIED WITH PERSONAL
SKILLS WITH RESPECT TO
YEARS_OF_EXPERIENCE

INCREASING THE EFFICIENCY OF THE DATASET

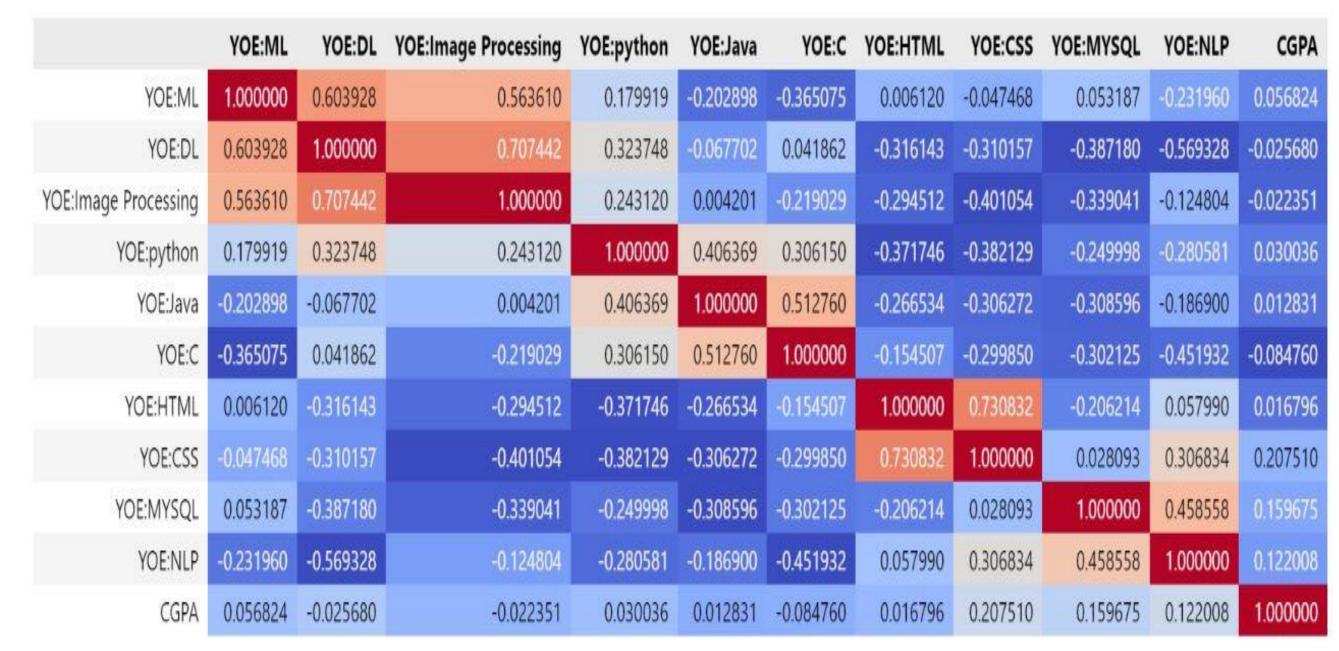
TO DEVELOP A FEASIBLE
SYSTEM THAT WILL TAKE
INPUT PARAMETERS AND
GIVE A RESULT

Novelty

- Overcome existing challenges of the dataset
- Based on the past people review who succeeded in choosing the same path and thereby providing the best suggestion through prediction

Data set

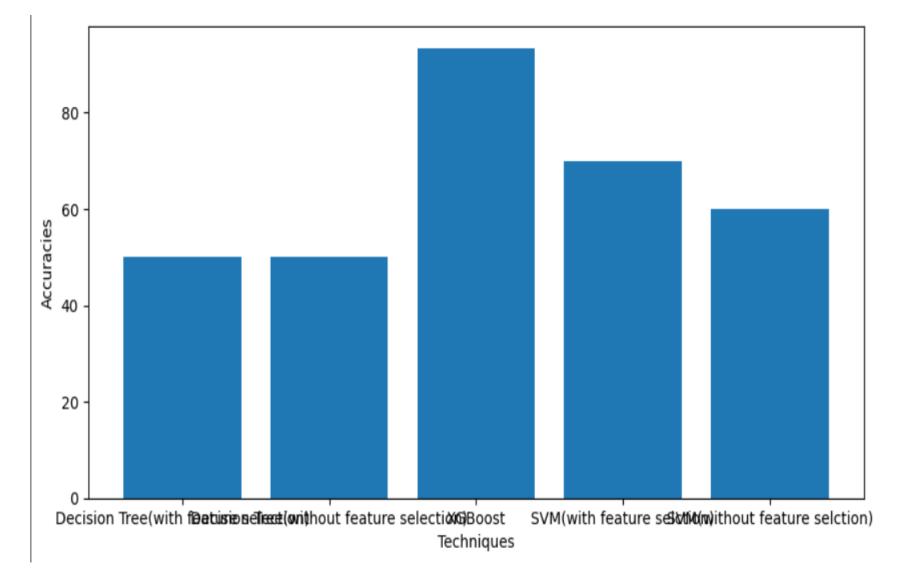
- A real time dataset with respect to skillset, years of experience, and roles
- The data set consists of 12 classes and 22 attributes

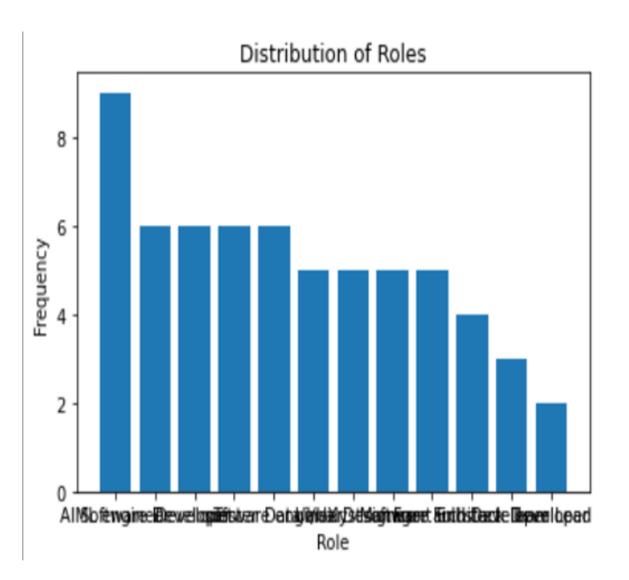


correlation

Results

These graphs represents feature selection w.r.t classifiers and data w.r.t each attribute





Output

```
ML
Enter: 0
YOE:ML
Enter: 1
DL
Enter: 2
YOE:DL
Enter: 1
Image Processing
Enter: 0
YOE:Image Processing
Enter: 0
Python
Enter: 1
YOE:python
Enter: 0
```

```
Java
Enter: 2
YOE:Java
Enter: 2
C
Enter: 0
YOE:C
Enter: 1
HTML
...
YOE:NLP
Enter: 0
CGPA
Enter: 2.8
```

Outcomes

- Based on the skillset and years for each skill, what might their career role be assigned as?
- Web Page which can suggest the career path

Reference

• Wulansari, R. E., Sakti, R. H., Ambiyar, A., Giatman, M., Syah, N., & Wakhinuddin, W. (2022). Expert System For Career Early Determination Based On Howard Gardner's Multiple Intelligence. *Journal of Applied Engineering and Technological Science (JAETS)*, 3(2), 67-76.