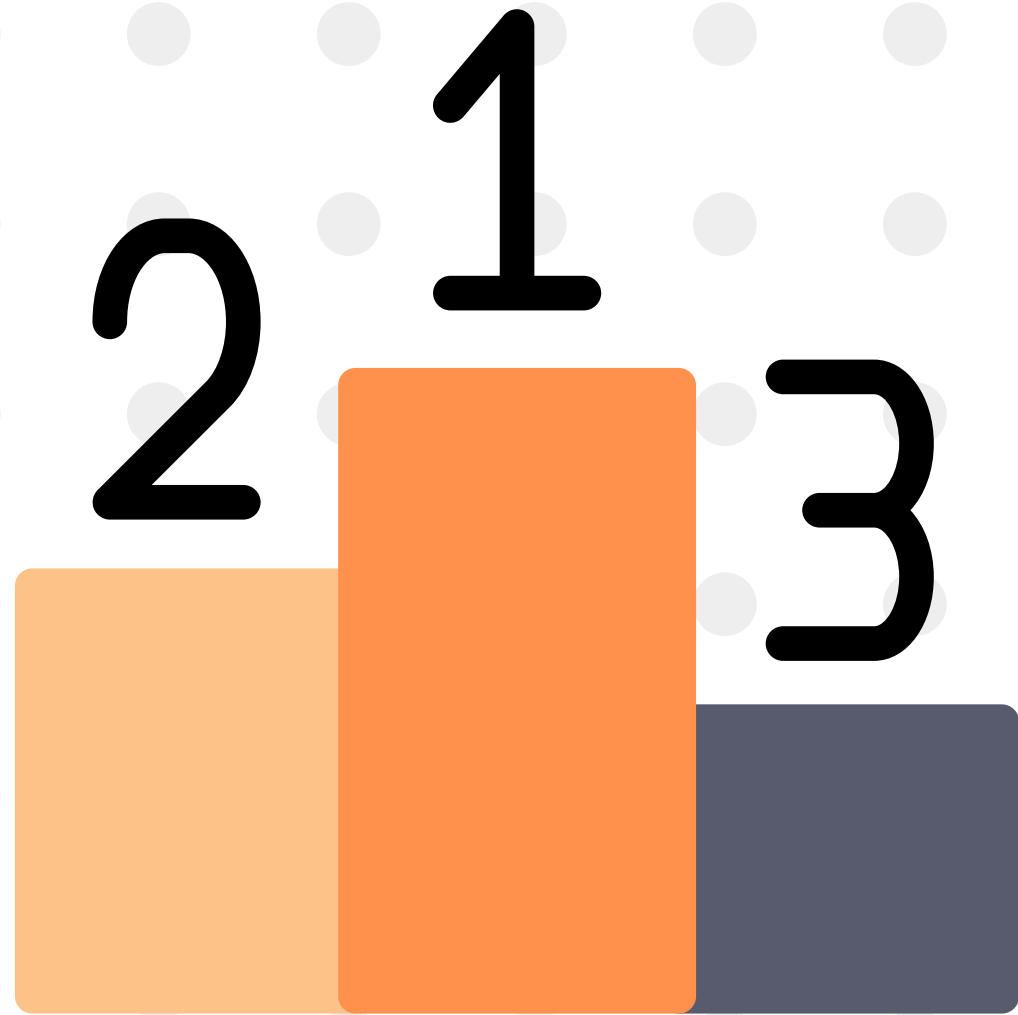


# RPPOOP PROJECT



**KNOW YOUR RANK !** ■ ■ ■

This project is contributed by  
Aishwarya Koli - 112103006  
Anushka More - 112103011



# WHY THIS PROJECT?

We are living in a competitive world where competition exists in almost every field. Understanding our position in the competitive landscape allows us to have a realistic assessment of our strengths, weaknesses, and areas for improvement. It helps us gain self-awareness and a clearer understanding of our abilities, skills, and resources.





# WHY THIS PROJECT?

This project focuses on finding your rank among the students of your class or among your friends and helps you understand exactly where you stand. It does not judge you only on the academic basis. It calculates the rank on the basis of your overall progress. As the overall progress of a student is important in college.

It also provides you a graph to show how much is your contribution in each domain. And what are the areas you should work upon.



# STEPS:

This is the front page which we created using html css with options like Home, About, Contact Login and Results. If you are new, then first register yourself and then see the results otherwise directly check your results.



For student login

To see progress  
results

## Know Your Rank!

This website helps you to know your rank among your friends and provides a graph for your overall progress





# STEPS:

## Enter your information


Name:

Mis:

Attendance (in %):

CGPA:

Extra Curricular:

Select Your Choice 

Submit

- **Login page:** This feature takes Name, MIS, attendance records, cgpa and extra curricular contribution as the user's input and appends it in the csv file.





# STEPS:

**Results page:** First you have to enter your MIS and this page provides you various features you can explore and see the outputs!

## Student Data Analysis

Enter your MIS:

Choose an option:

Display My Rank

Display My Rank

Plot Graph for my Overall Progress

View Career Options





# FEATURES

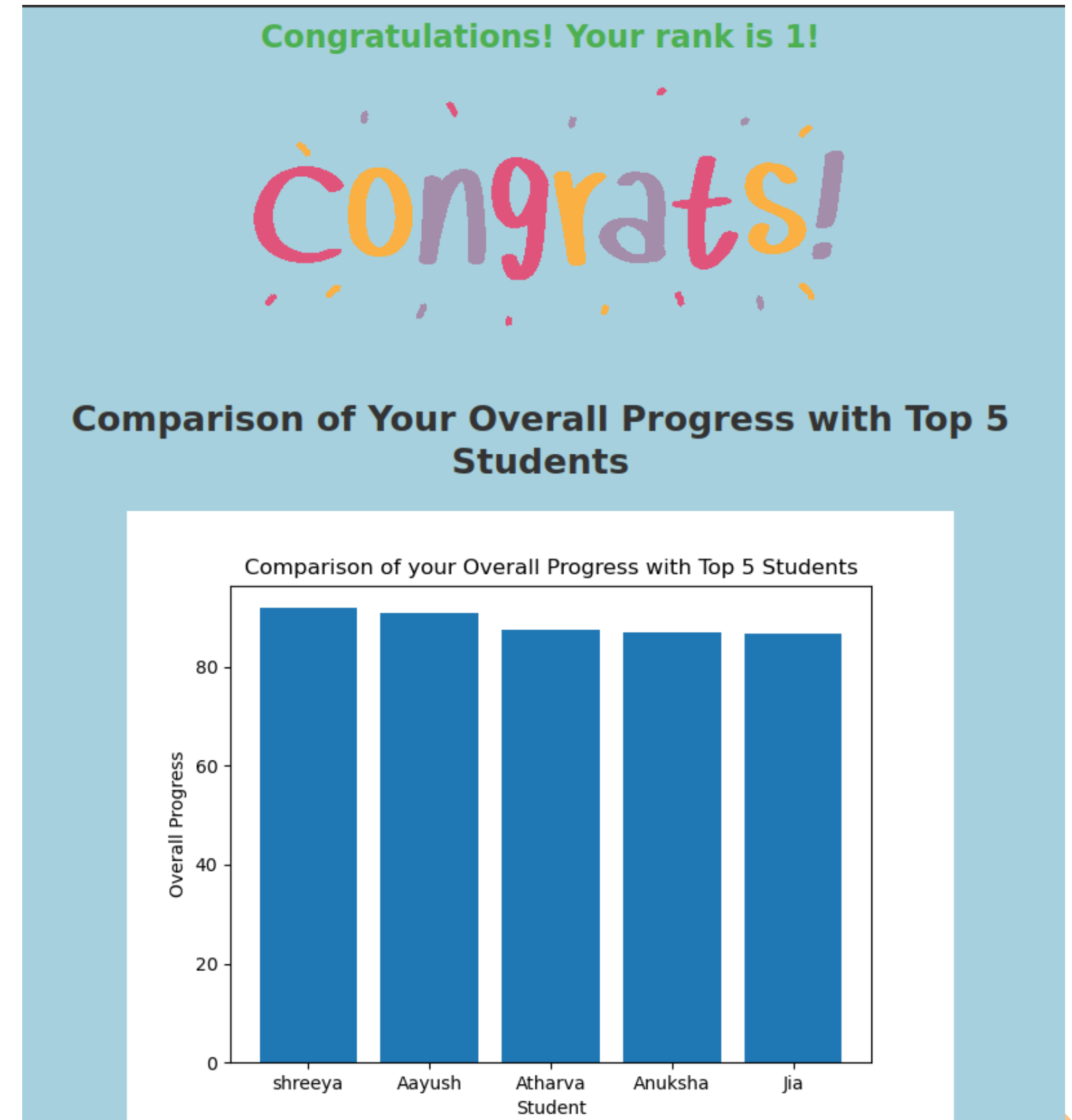
- **Student Data Analysis:** This page provides 3 features-
  1. **Display My Rank** - It uses the `sort` function in python to print your rank from your overall progress.
  2. **Progress Graph** - It displays a bar graph of your overall progress using `matplotlib`.
  3. **Career options**- This is an additional feature which gives you suggestions of different career domains you can pursue depending on your branch.





# FEATURES

**Display My Rank** - If your rank is 5 and above then it displays a congratulations message with a graph of comparison between top 5 students. Otherwise it just prints your rank.



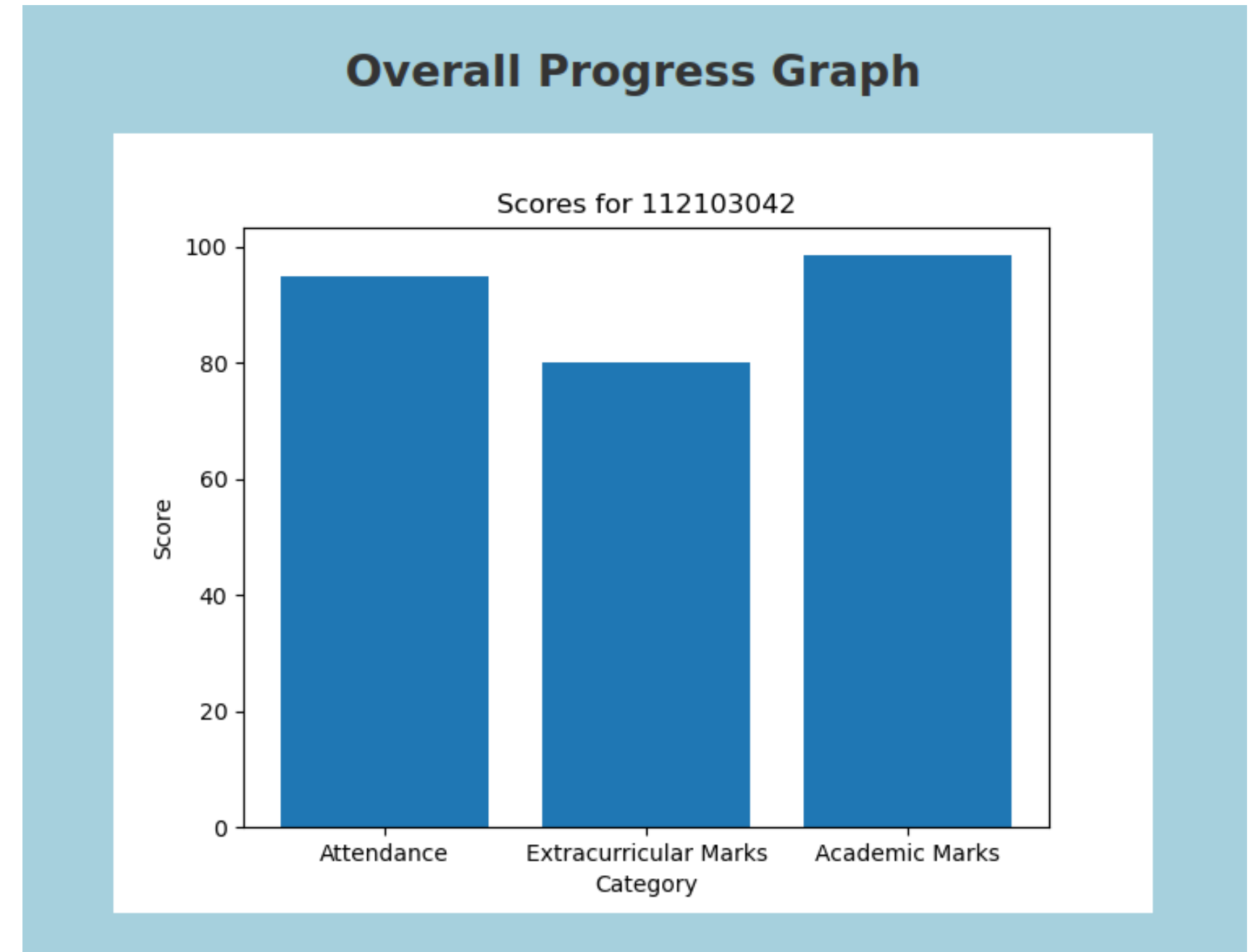




# FEATURES

## Overall progress graph -

This graph compares your progress in each of the domain





# FEATURES

**View Career options:** It provides you different career options depending on your choosen branch

Choose a branch:

Computer Engineering

Submit

**Career Options for your branch:**

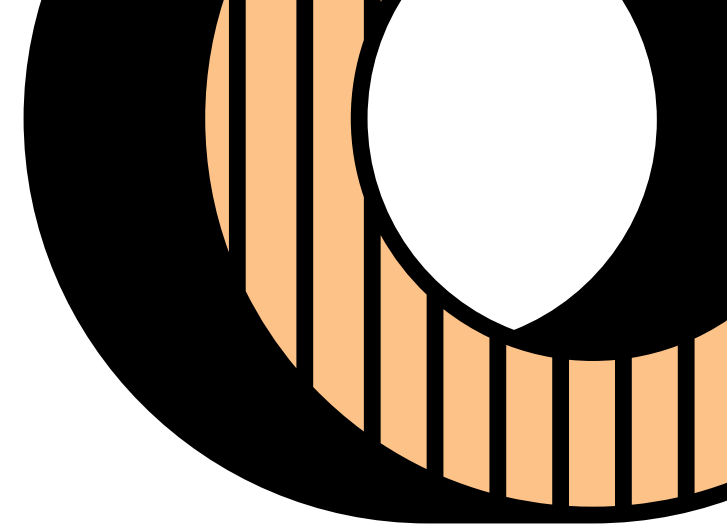
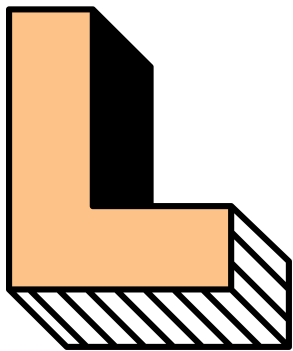
- Software Developer
- Data Scientist
- Computer Network Architect
- Database Administrator
- Blockchain Developer/Engineer
- Machine Learning Engineer
- System Administrator

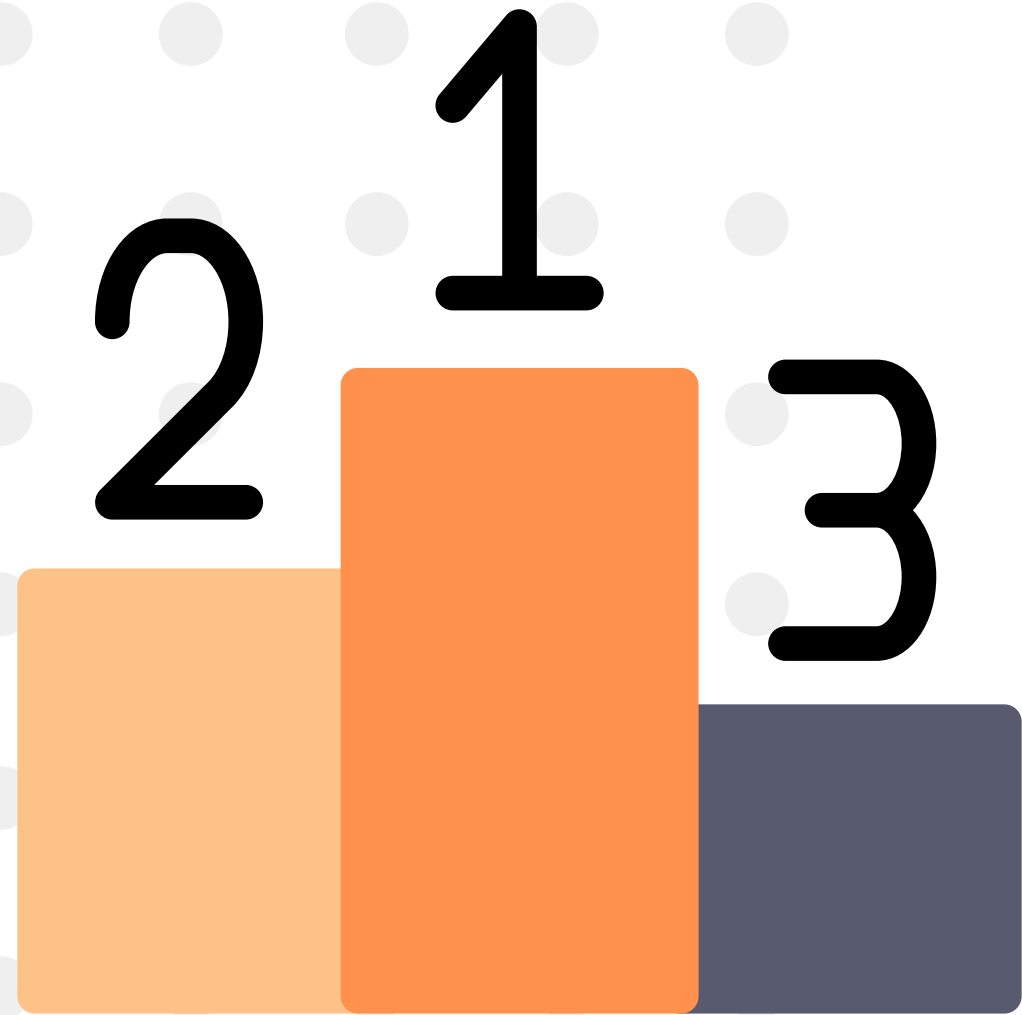




## LIBRARIES USED:

- **pandas** - For importing and exporting data from csv file.
- **matplotlib.pyplot** - To display graphs.
- **io and base64** - To print images of graphs.
- **flask** - To link html front end with the back end





**THANK YOU**

