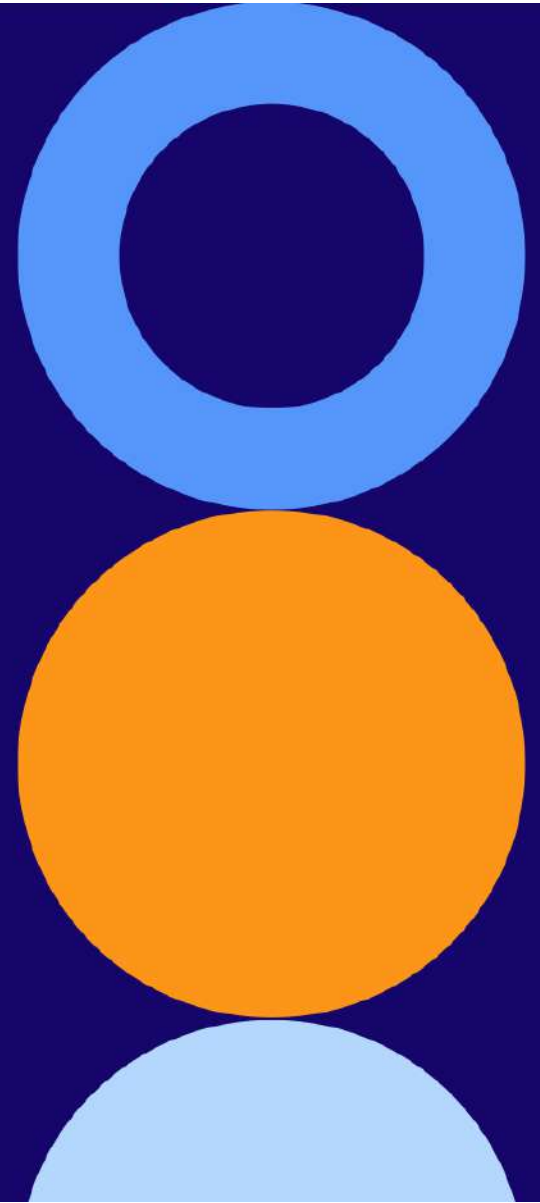


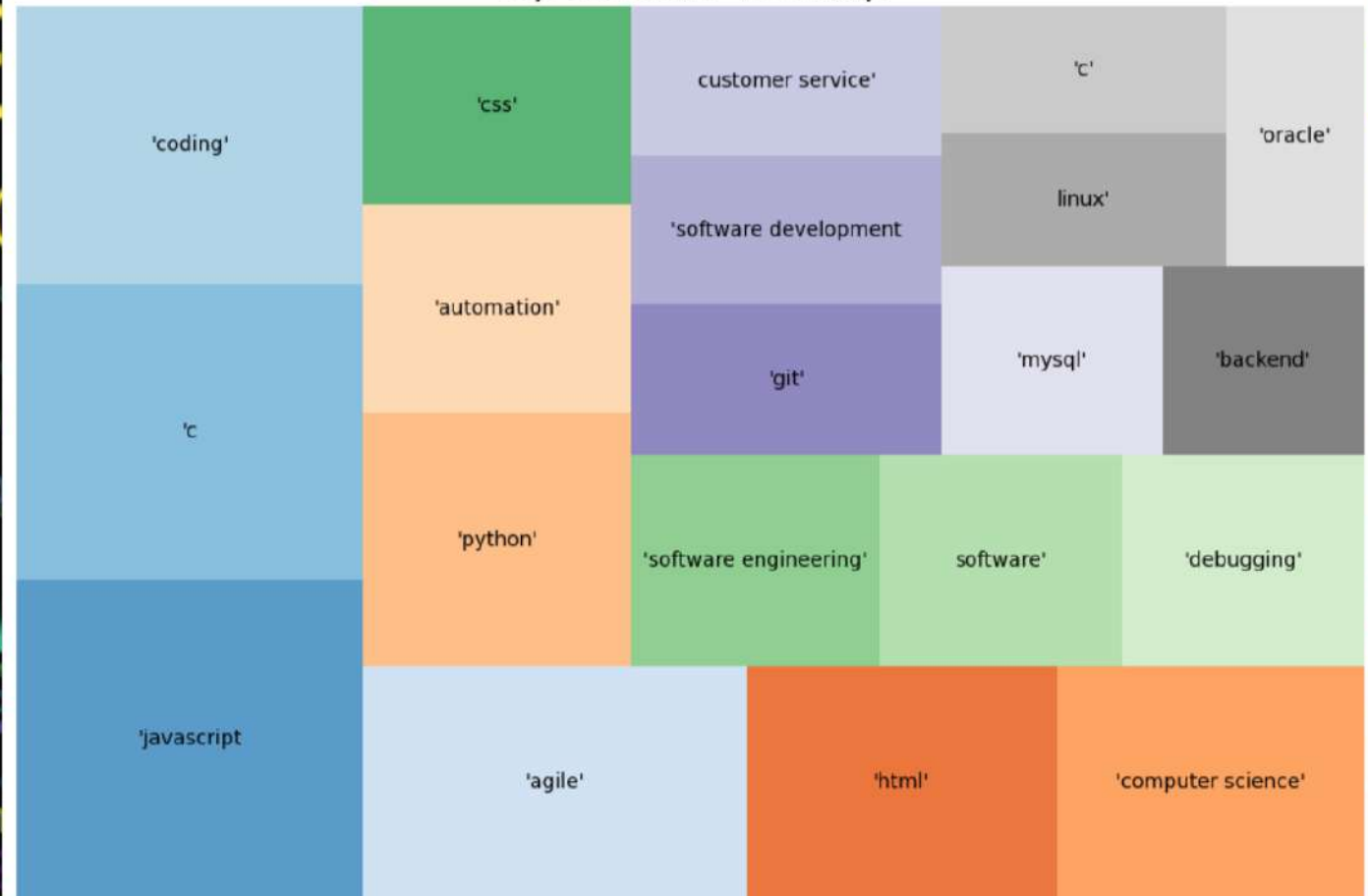
Conclusion and Future Work

If we continue to extract data every month for a year, we could see trend analysis, time series analysis over a year. Advanced ML techniques could be used for skills and description.

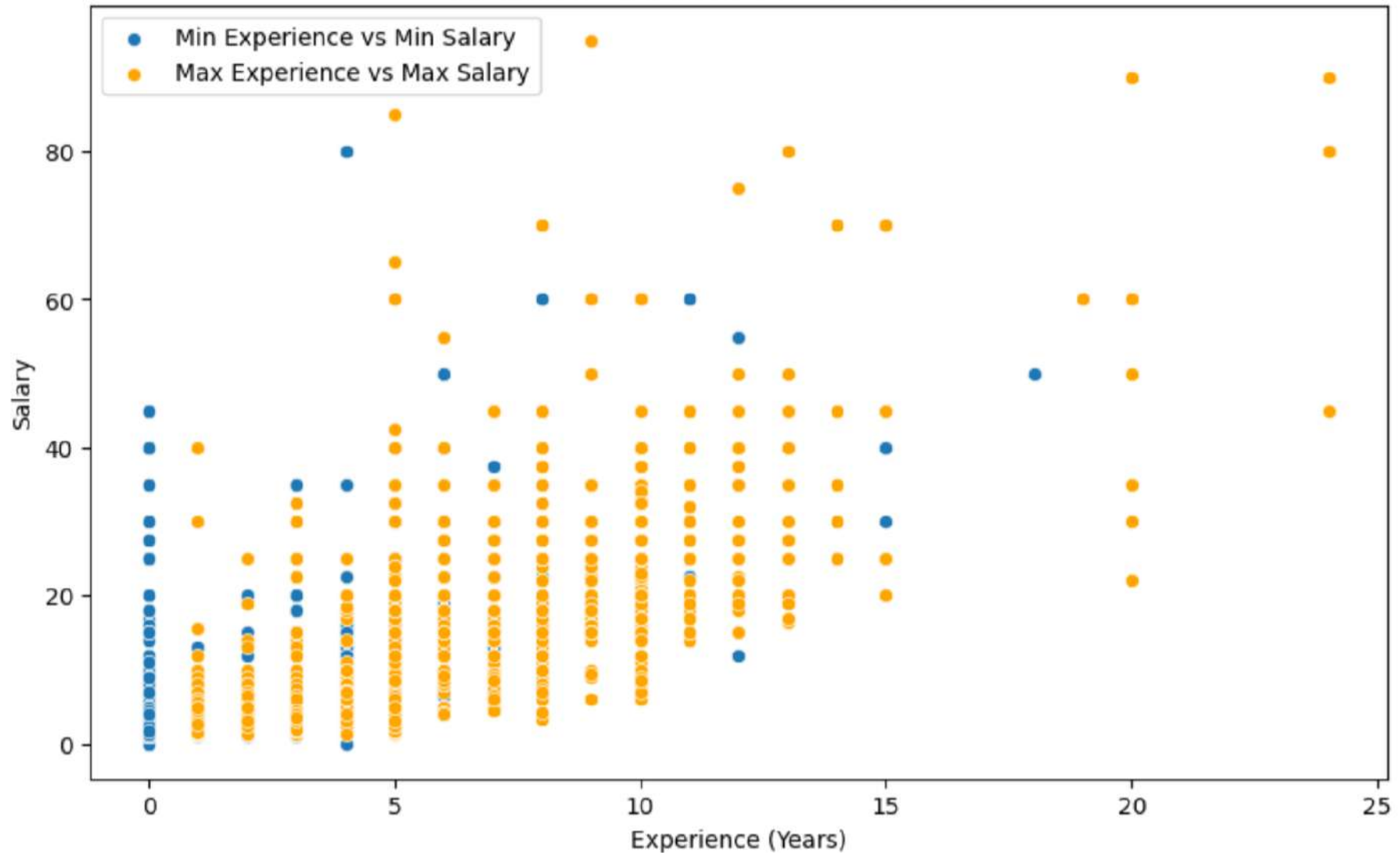
Web Scraping and Analysis on Naukri.com

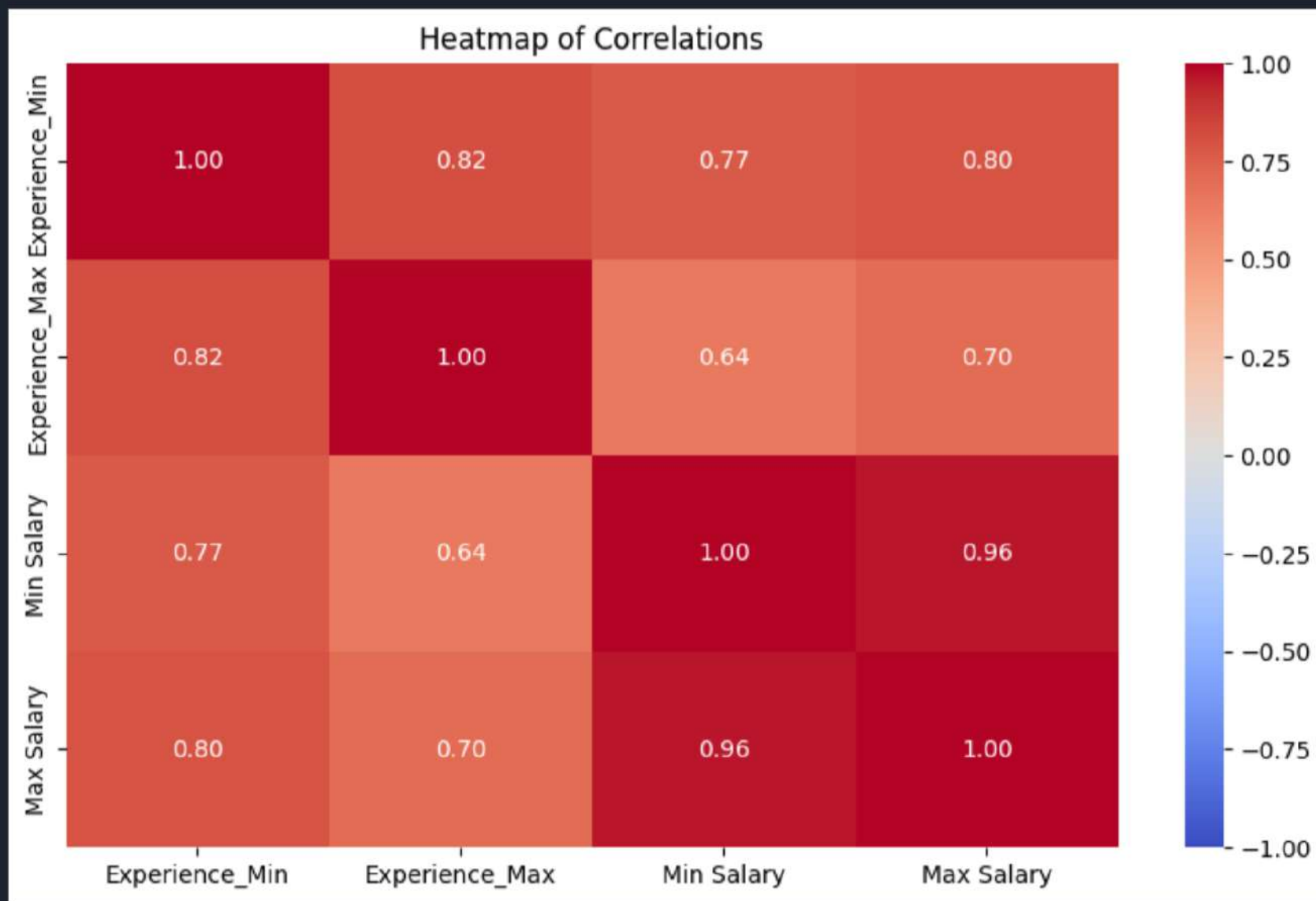


Top 20 Skills Treemap



Correlation - Experience vs Salary (Filtered)





Correlation
Between
Salary
and
Experience

accenture

Infosys

Capgemini

HCLTech



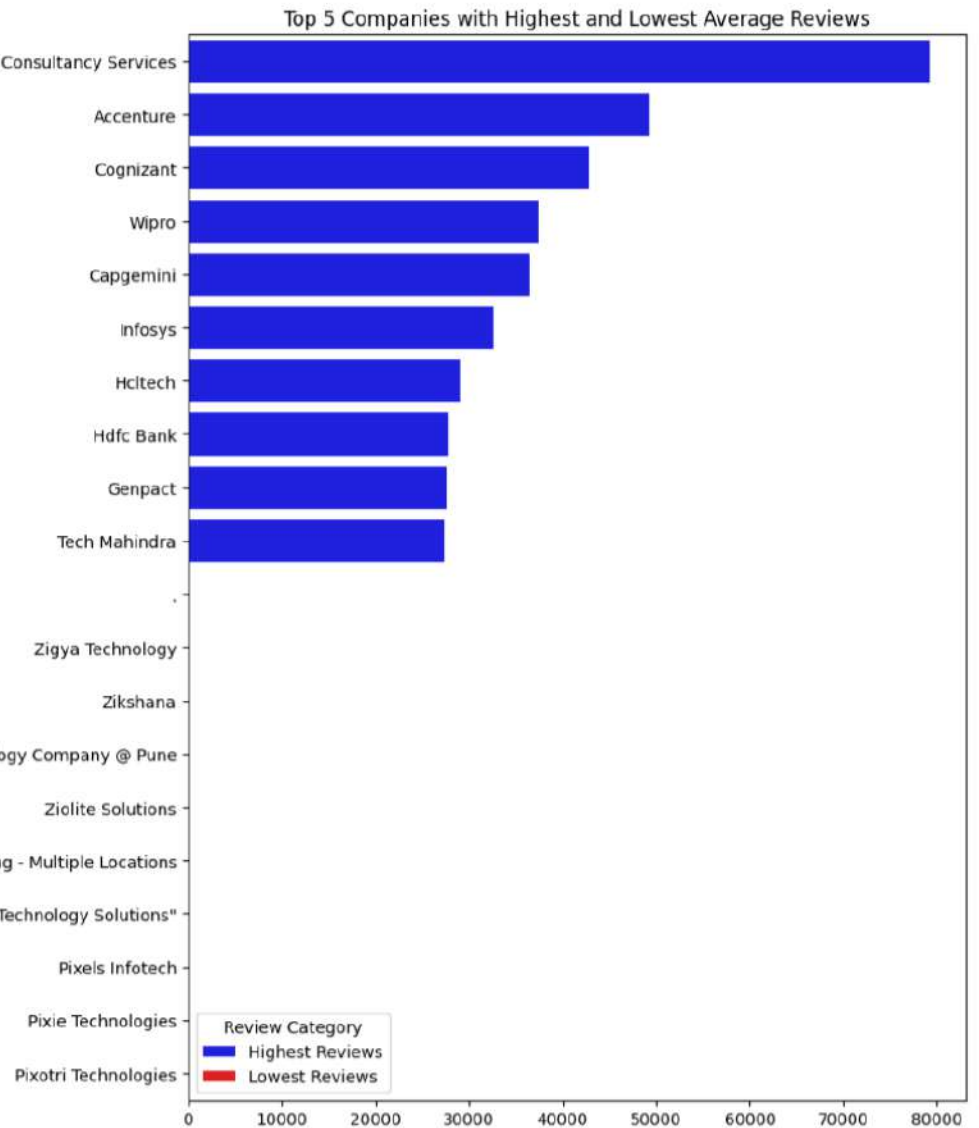
Company Name

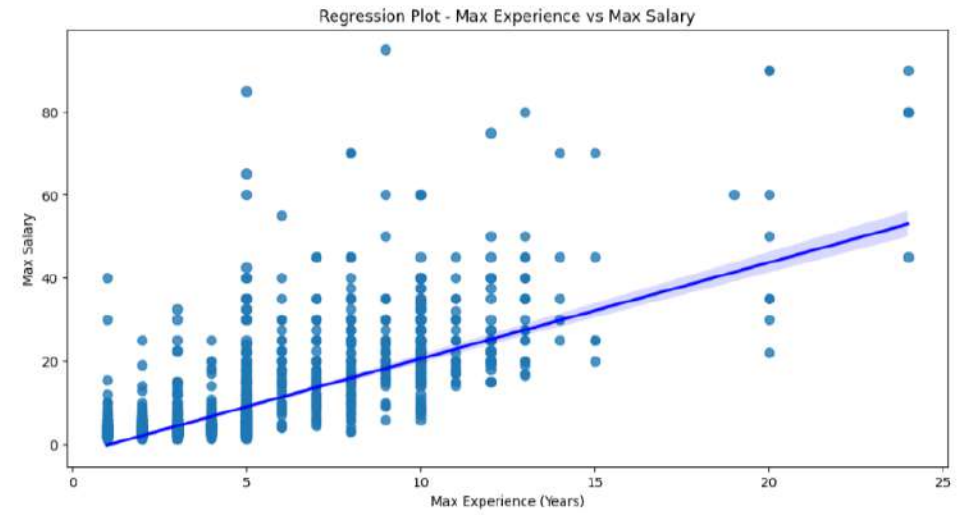
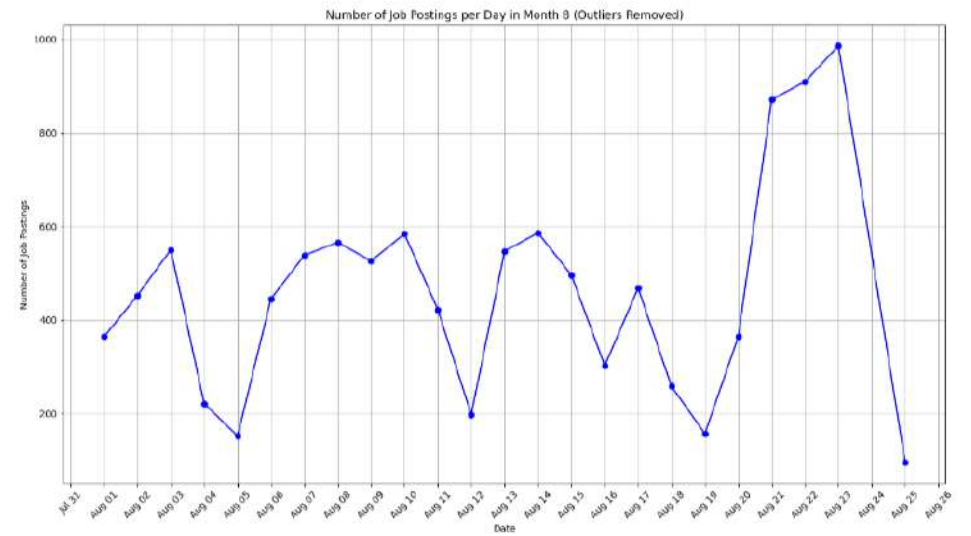
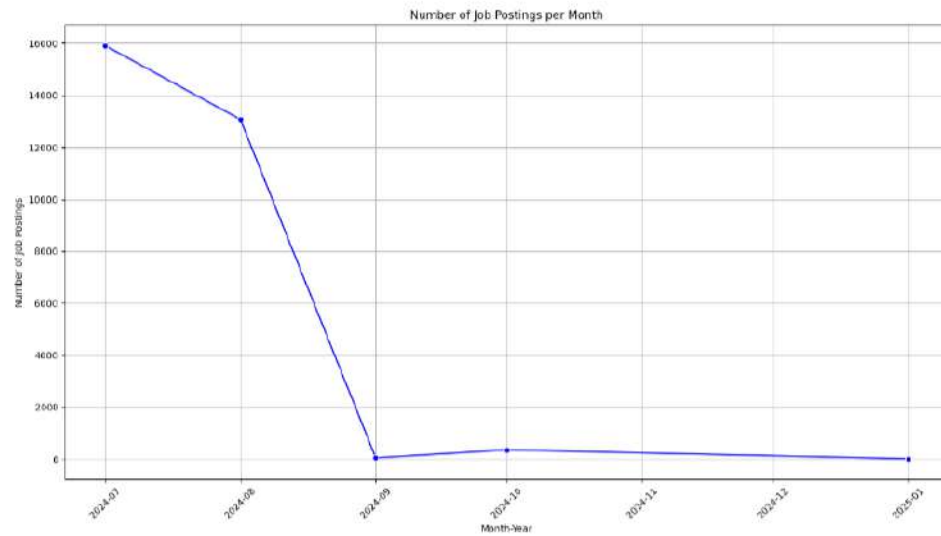


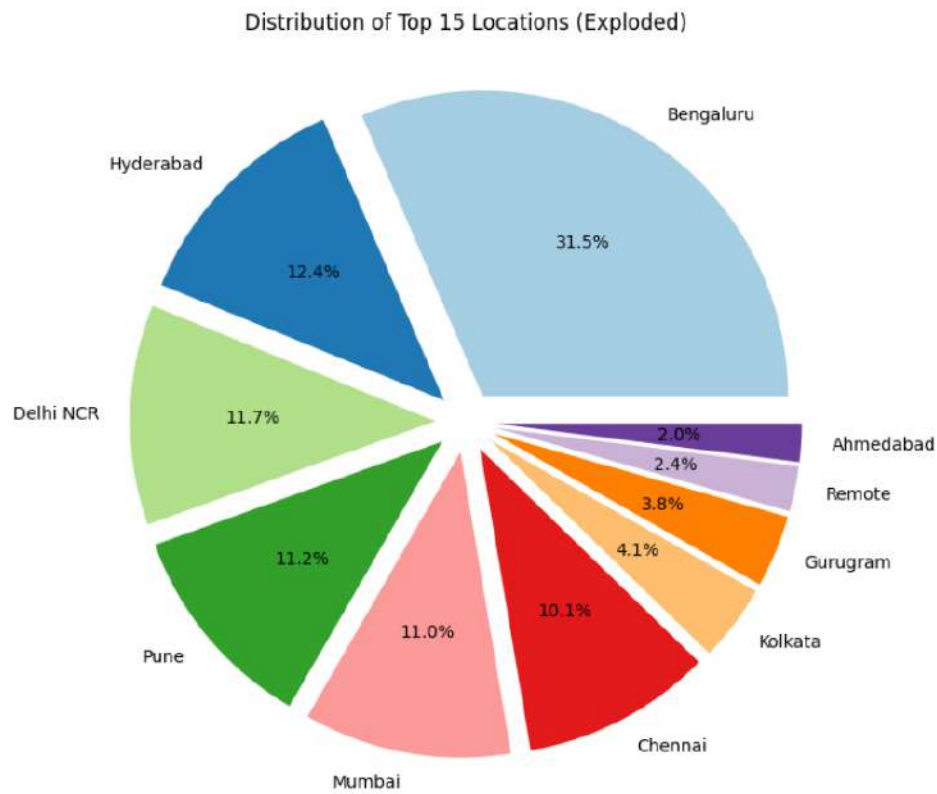
Leading Group Into Defense, Aerospace And Auto Components Manufacturing - Multiple Locations

"Leading Innovation In Technology Solutions"

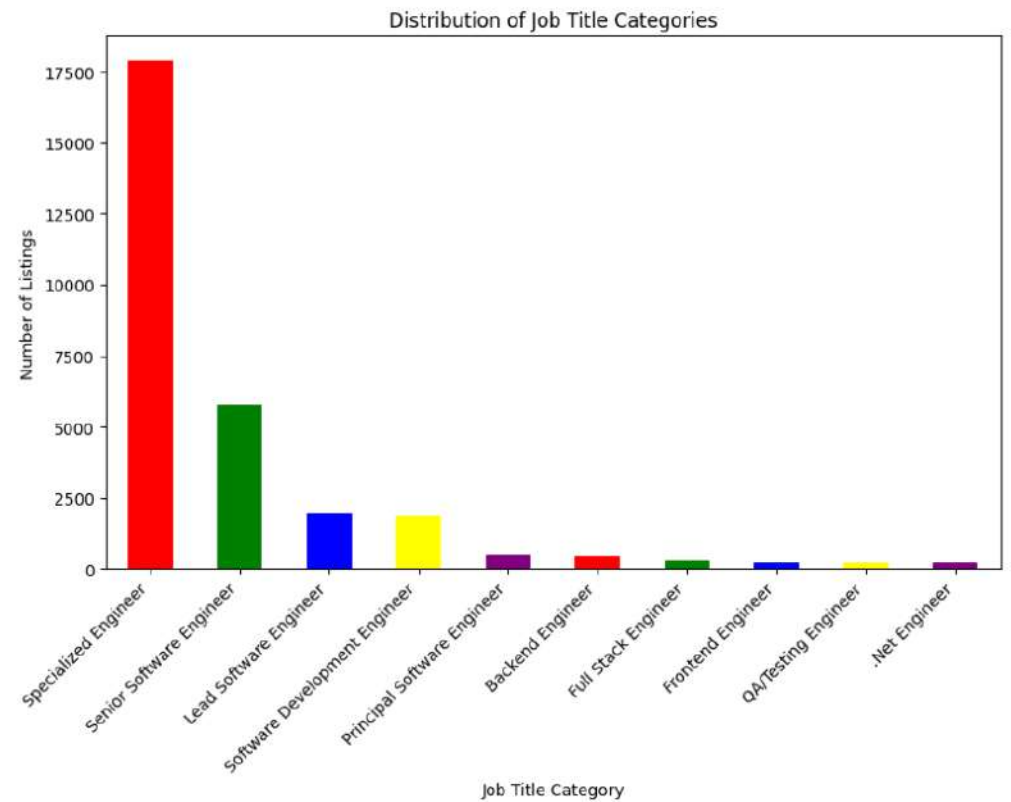
Leading Global Technology Company @ Pune







Which location has the maximum Job Postings



Which Job title are they hiring for?

Visualizations

After analysis, we visualized the data using these methods



Bar Plots and Line Plots



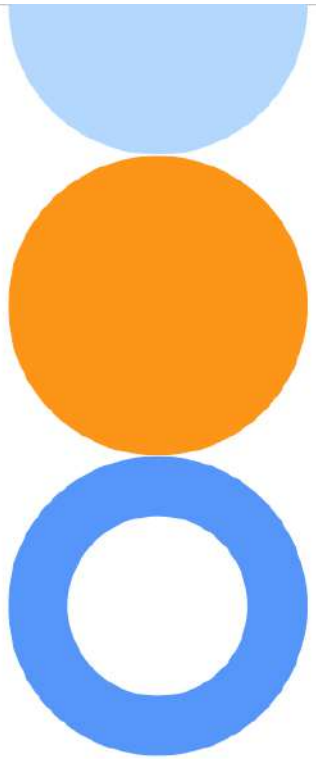
Heatmaps and Word Clouds

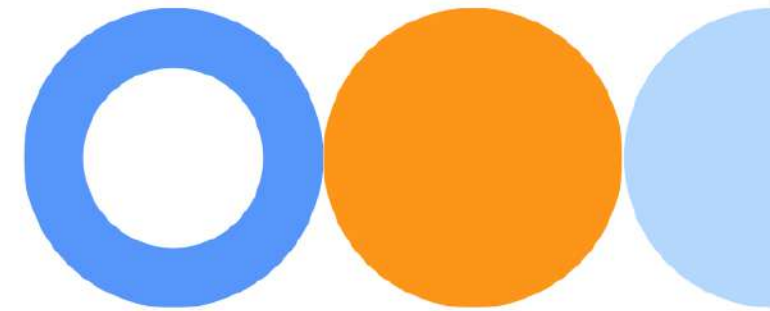
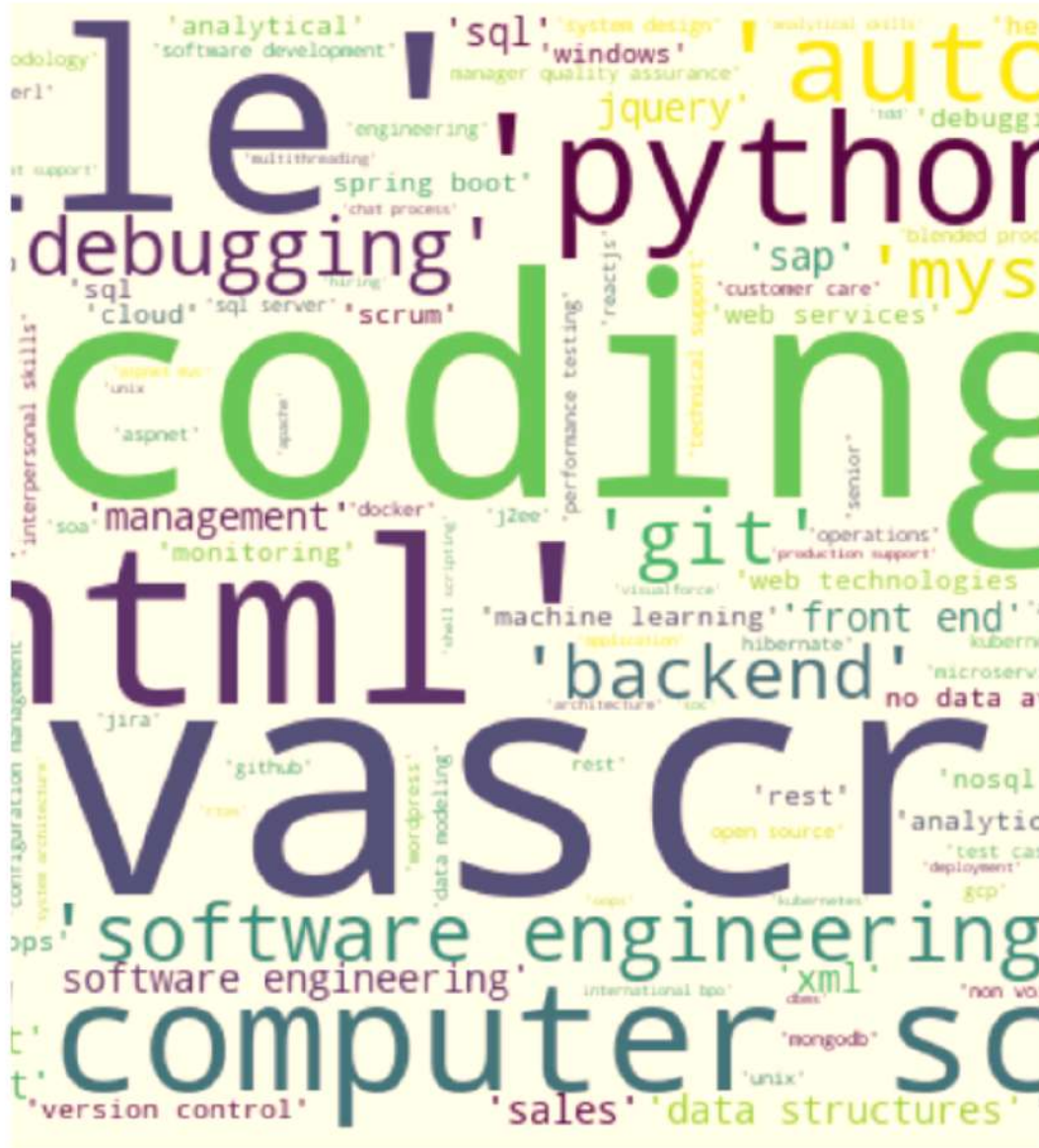


Regression Plots



Scatter Plots



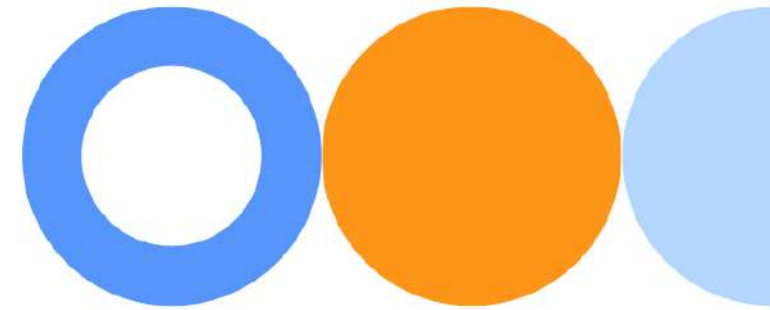


Analysis Based on Questions:

1. What is the average salary offered by companies?
2. Which companies are hiring the most?
3. Which day of month has the highest job postings
4. What is the maximum and minimum salaries offered by companies?
5. What are the most in-demand skills right now?
6. Which companies has the highest reviews
7. Which experience range are the most hiring for?

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Methodologies and Tools



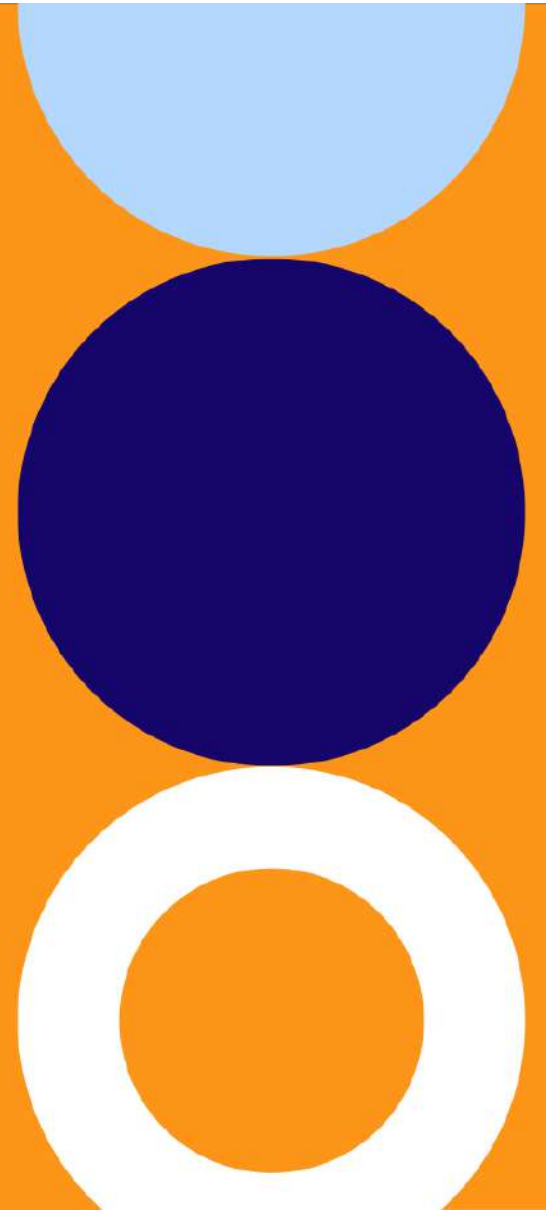
Scraping: Our scraping process was thorough, using Python libraries such as BeautifulSoup, Requests, and Selenium.

Analysis: Ananalysis on dataset was done using Numpy, Pandas, Matplotlib, Seaborn, scikit-learn and libraries like word cloud, squairfy

Web Scraping and Analysis on Naukri.com

Python Analysis

10 Questions Analysis



Understanding Naukri.com

Naukri.com Overview and Dataset



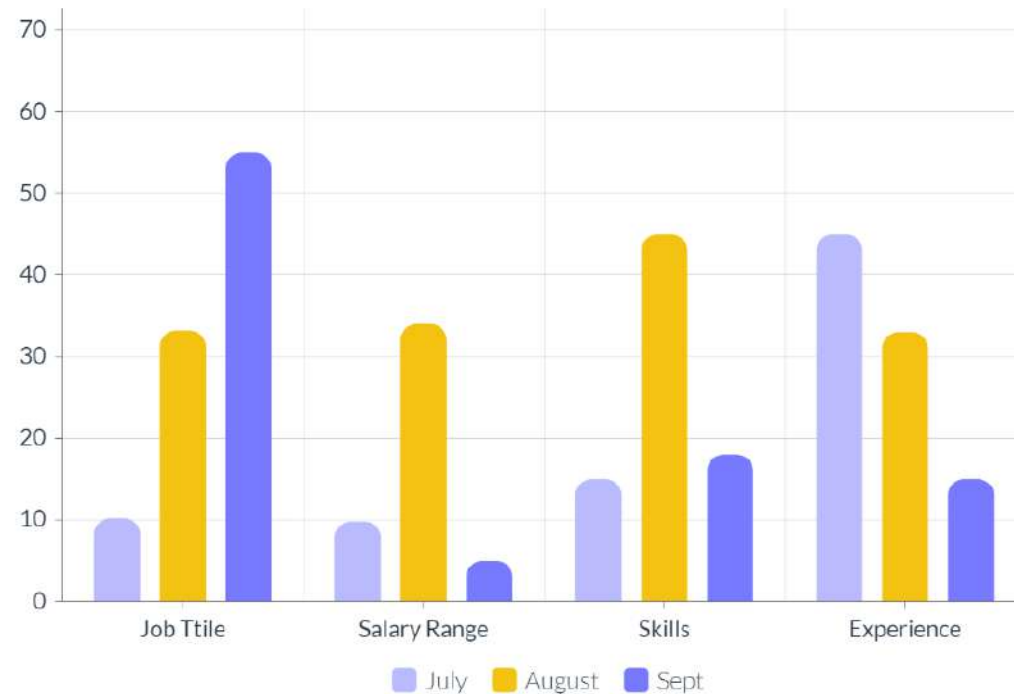
Naukri.com

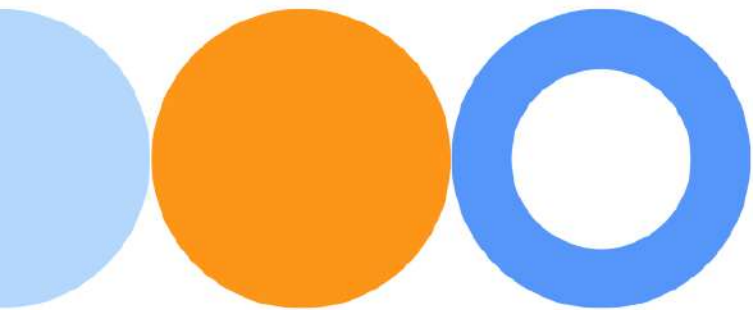
JOB LISTINGS

Primary data source for job vacancies in various industries and organizations

(29432, 9)

Naukri Dataset



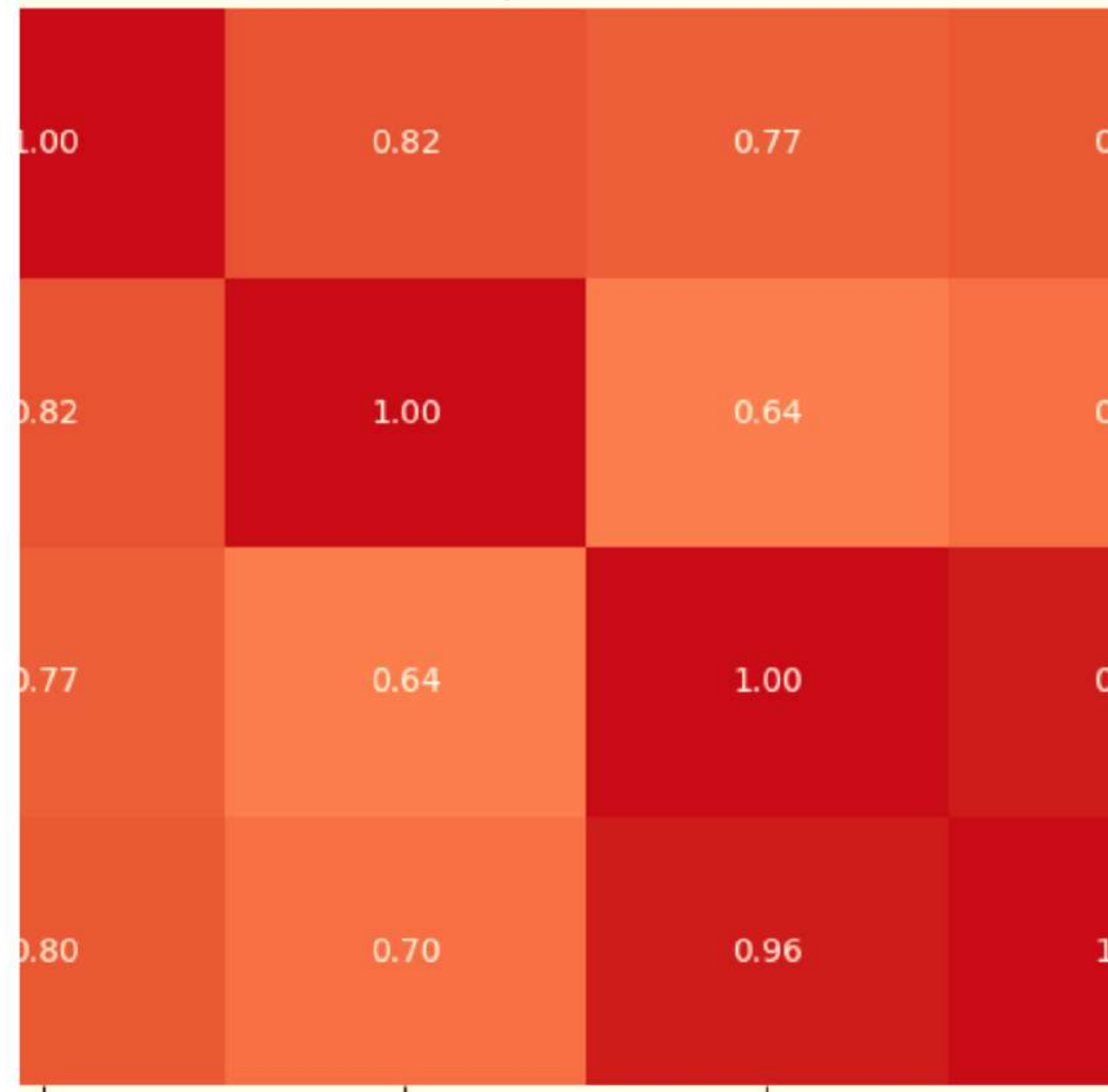


Web scraping is a technique to extract data from websites.

- Selenium: Tool primarily used for automating web apps for testing, but it can also be leveraged for web scraping.
- BeautifulSoup: library for parsing HTML and XML documents

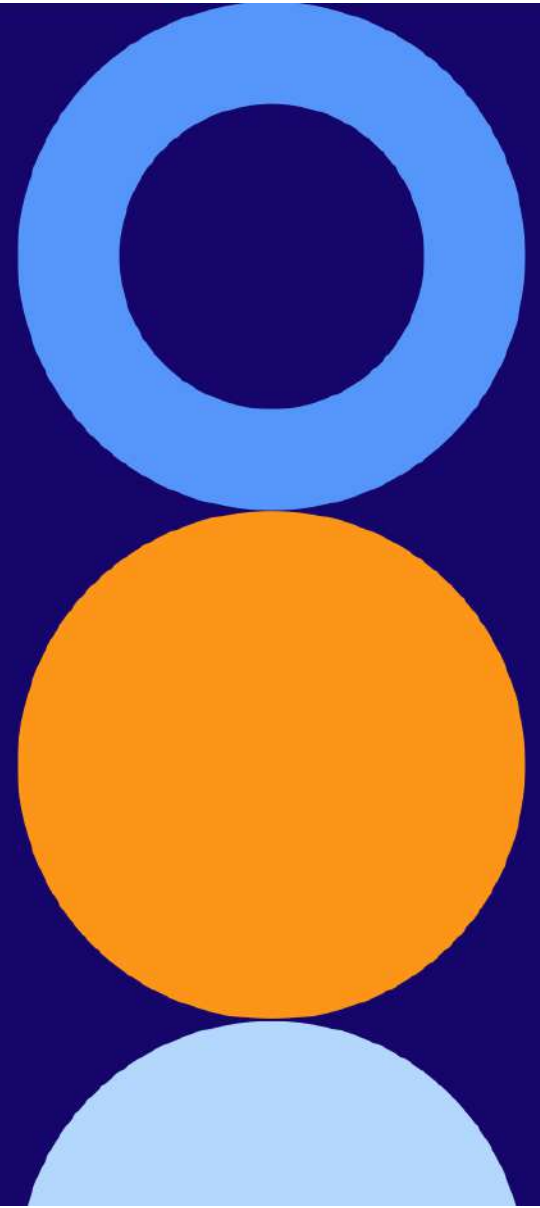
Web Scraping and Analysis on Naukri.com

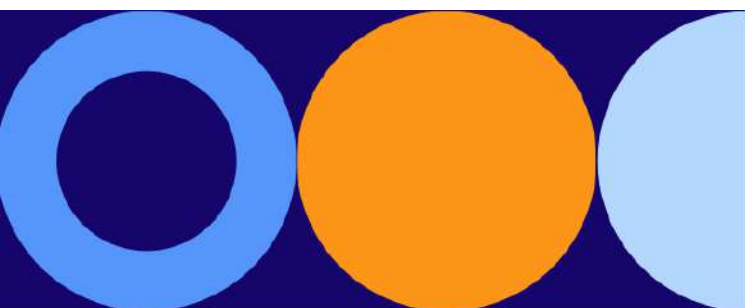
Heatmap of Correlations



Introduction to Web Scraping

What is Web Scraping?





Contents

- 1 Introduction to Web Scraping
- 2 Understanding Naukri.com
- 3 Python Analysis
- 4 Methodologies and Tools
- 5 Visualizations and Insights
- 6 Conclusion

Web Scraping and Analysis on Naukri.com

Web Scraping and Analysis on Naukri.com

Unearthing Insights from Job Listings

   Sneha Gupta

