



Data Shwoing the most popular tools

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OUTLINE



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- Introduction
- Methodology
- Results
 - Visualization – Charts
 - Dashboard
- Discussion
 - Findings & Implications
- Conclusion
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EXECUTIVE SUMMARY



- Current technology used
- Future Technology trends
 - Language
 - Database
- Survey Demographics
- Gap technologies used in different countries
- Gender Gaps job

INTRODUCTION



- Getting surveys across the world
- Trends of which programming languages is common to the developers in the world
- Checking trends which database system is the most common used in the developers

METHODOLOGY



- Web Scraping
- Data Wrangling
- Analyzing data
- Visualizations and Dashboards

RESULTS



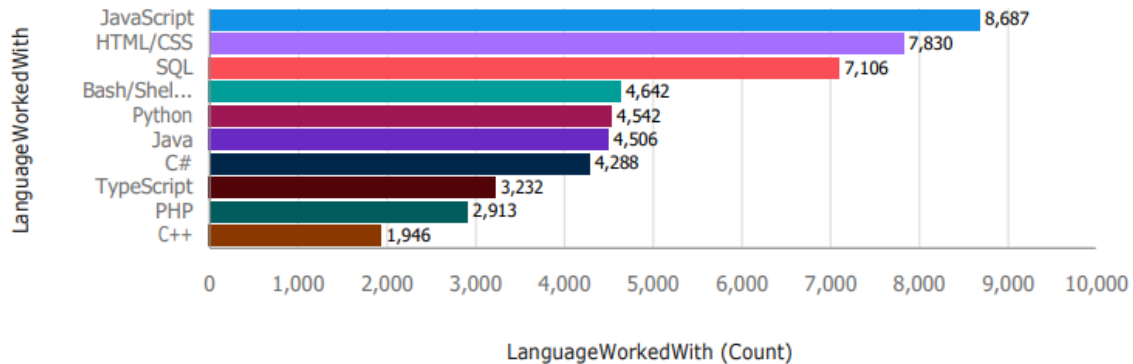
PROGRAMMING LANGUAGE TRENDS

Current Year

Current Technology Usage

Top 10 Languages Worked With

LanguageWorkedWith

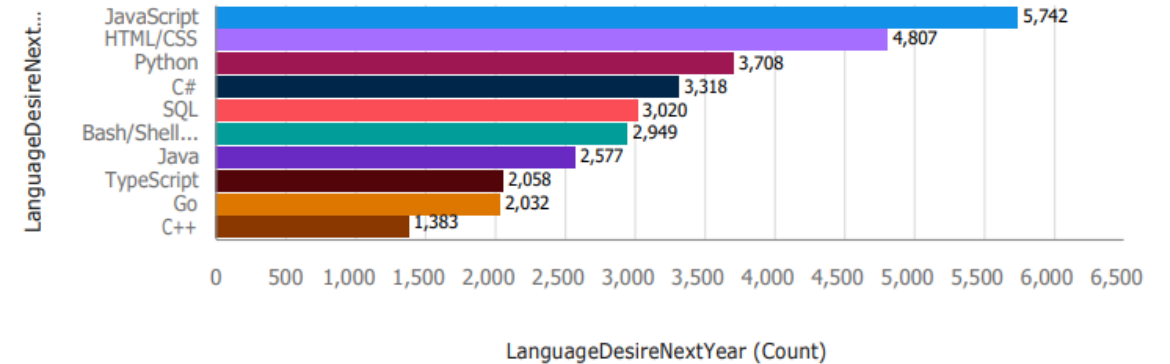
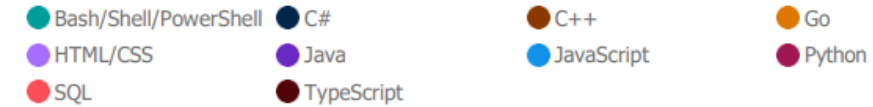


Next Year

Future Technology Trend

Top 10 Languages Desired Next Year

LanguageDesireNextYear



PROGRAMMING LANGUAGE TRENDS - FINDINGS & IMPLICATIONS

Findings

- JavaScript is the most common used technologies
- SQL is the next trend that is most common database used
- Python is raising to the trends due to the versatility programming language

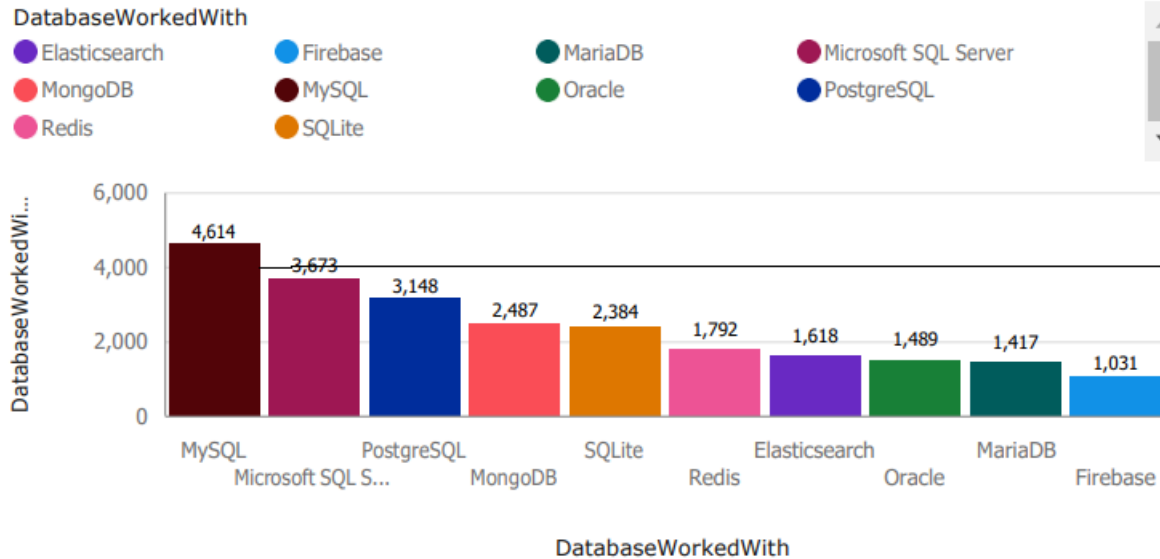
Implications

- JavaScript is not much complicated to used in languages
- SQL provides a powerful and versatile tools for database
- Python has a combination of simplicity and versatility to the developers

DATABASE TRENDS

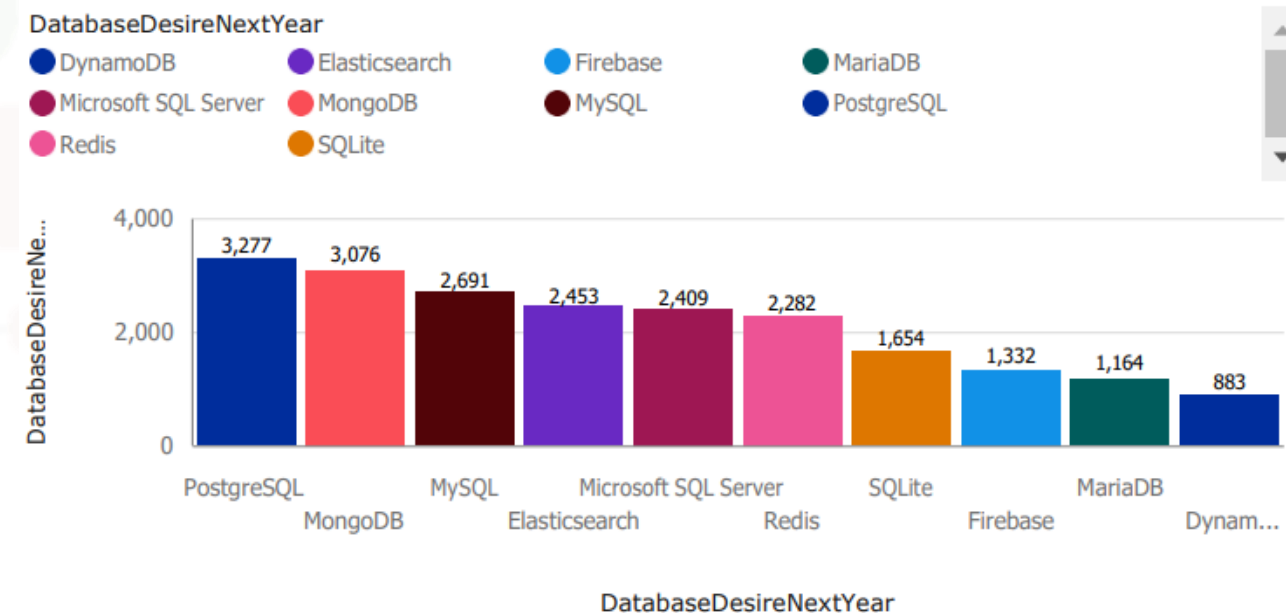
Current Year

Top 10 Databases Worked With



Next Year

Top 10 Databases Desired Next Year



DATABASE TRENDS - FINDINGS & IMPLICATIONS

Findings

- MySQL is the most current trend in the Database and it drops down by the next year trends
- Microsoft Sql is the next current trends but it drops in the following year
- MongoDB became trend during next year

Implications

- Most programmers switches to NoSQL databases like MongoDB
- Microsoft SQL drops because of the budget cost, technical requirements and familiarity with the platform
- MongoDB became popular because of flexibility, scalability and performance.

DASHBOARD

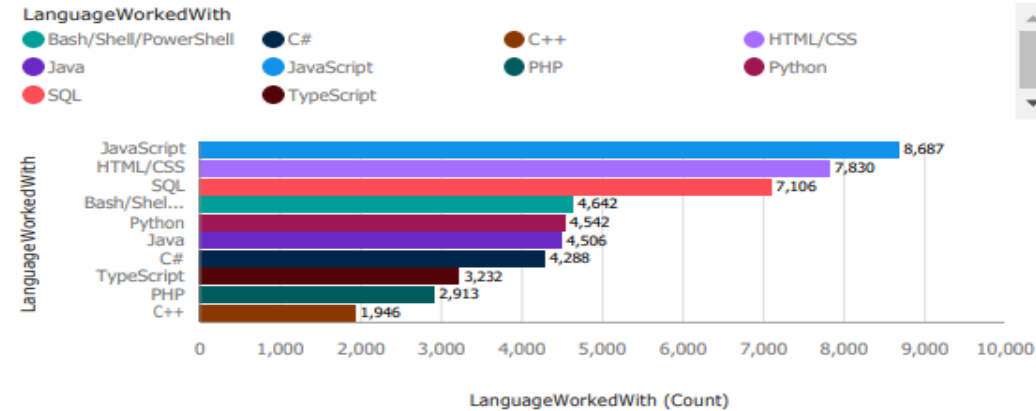


[john-isabelo/IBMCapstone \(github.com\)](https://github.com/john-isabelo/IBMCapstone)

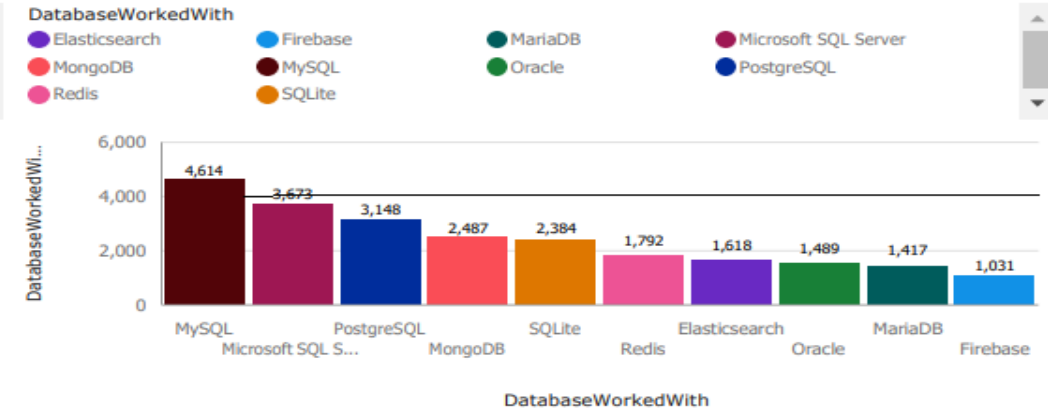
DASHBOARD TAB 1

Current Technology Usage

Top 10 Languages Worked With



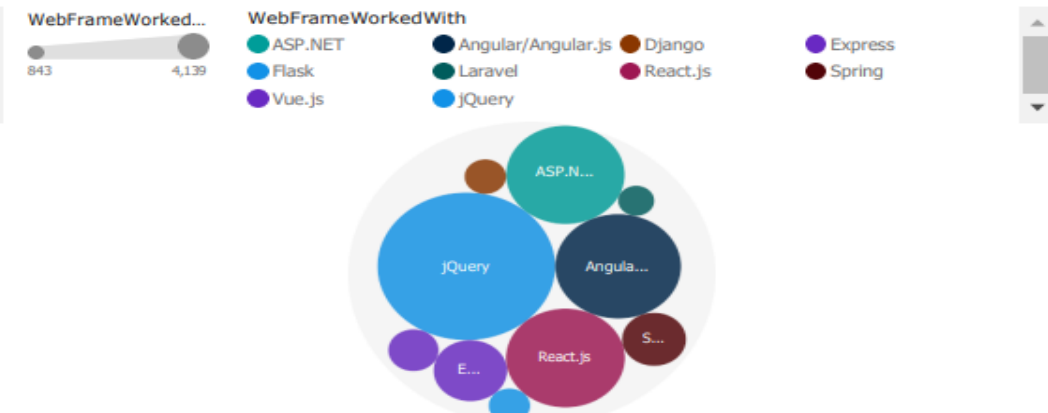
Top 10 Databases Worked With



Platforms Worked With



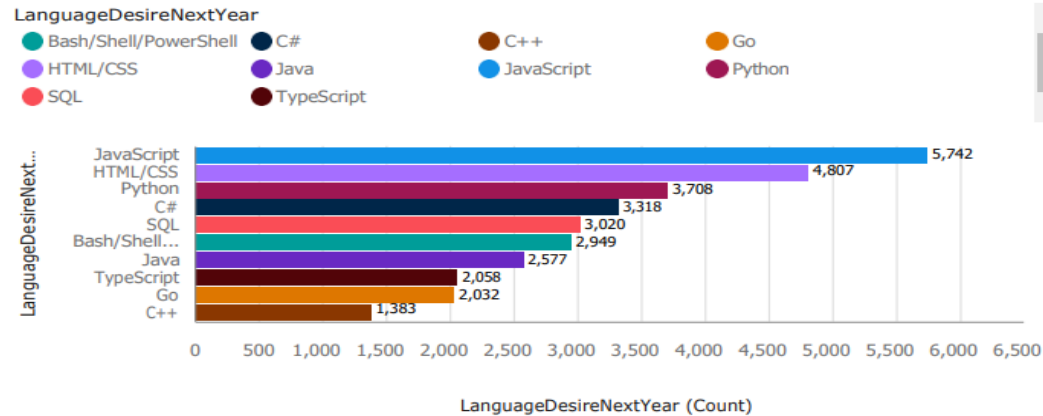
Top 10 Web Frames Worked With



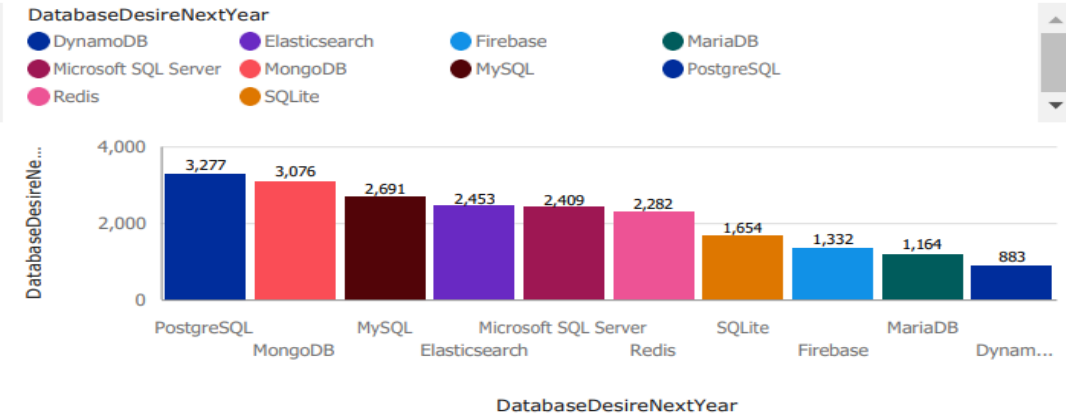
DASHBOARD TAB 2

Future Technology Trend

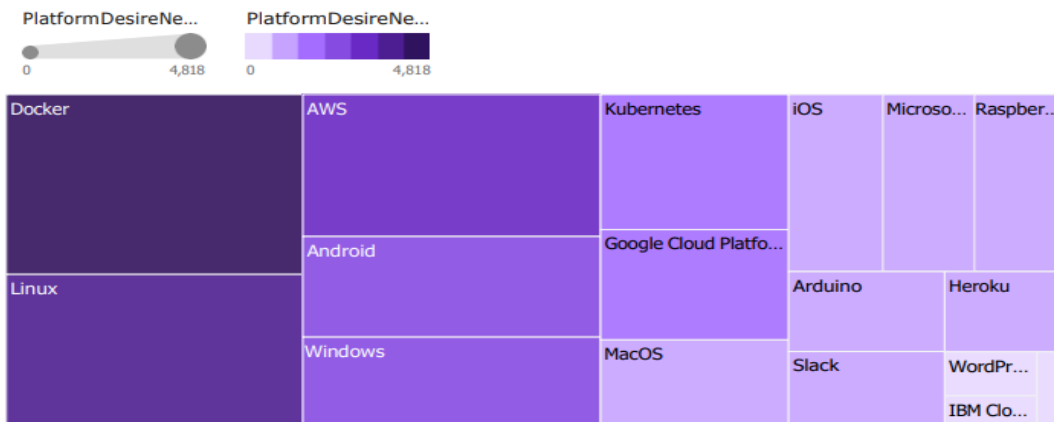
Top 10 Languages Desired Next Year



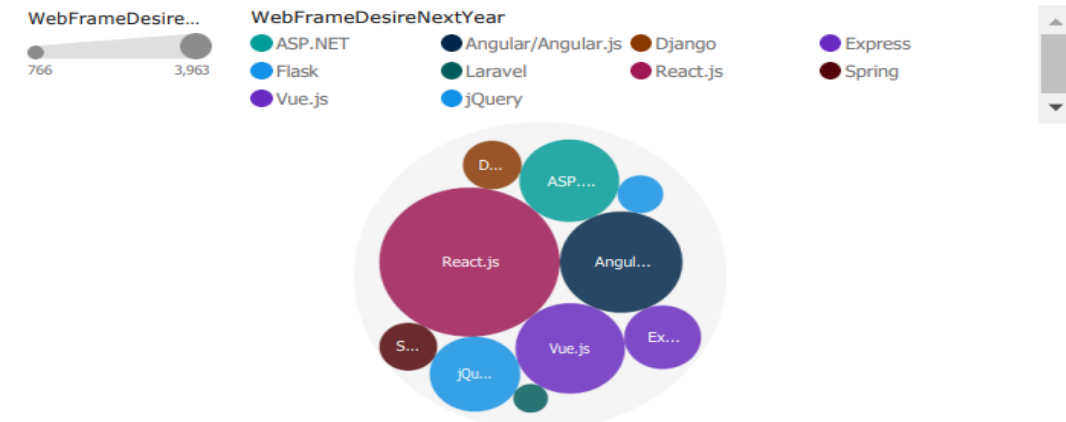
Top 10 Databases Desired Next Year



Platforms Desired Next Year



Top 10 Web Frames Desired Next Year

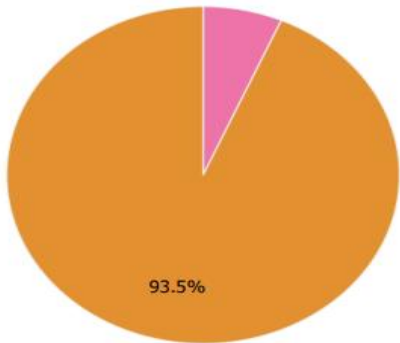


DASHBOARD TAB 3

Demographics

Respondent Classified by Gender

Gender
● Woman ● Man

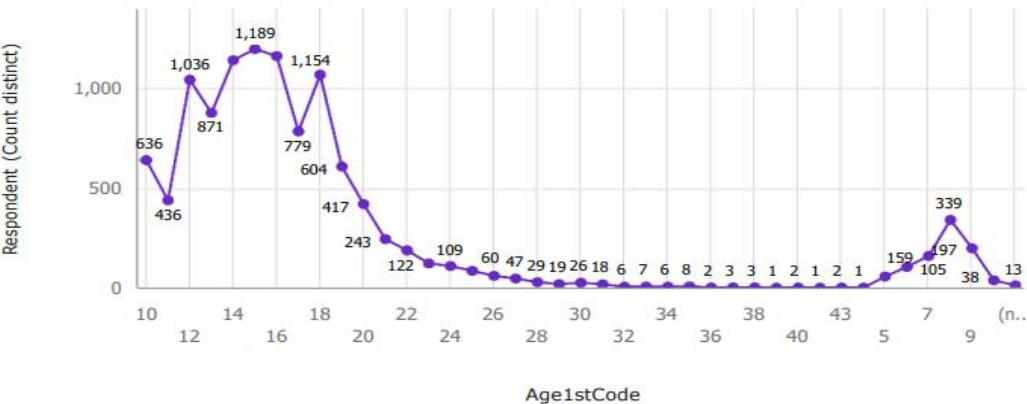


Respondent Count for Countries

Respondent (Count)
1 3,058

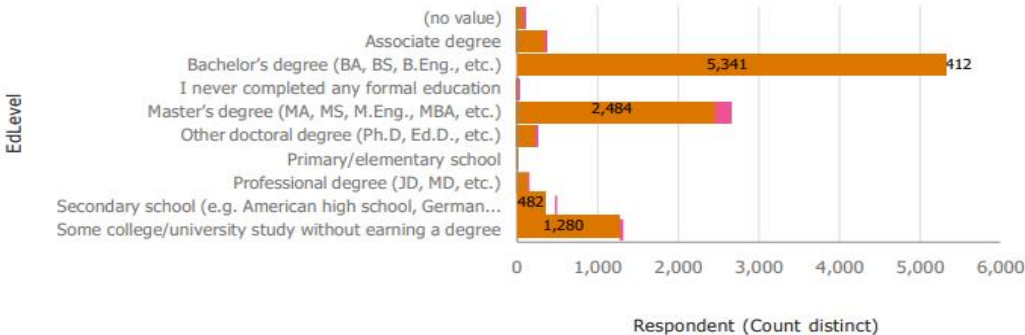


Respondent Count by Age



Respondent Count by Gender and Formal Education Level

Gender
● Man ● Woman



DISCUSSION



OVERALL FINDINGS & IMPLICATIONS

Findings

- JavaScript is the most popular technologies used
- Over 90% male are developers

Implications

- Aside from JavaScript is the popular. TypeScript is the next trend to be used in technologies
- Each countries has their own programmers.

CONCLUSION

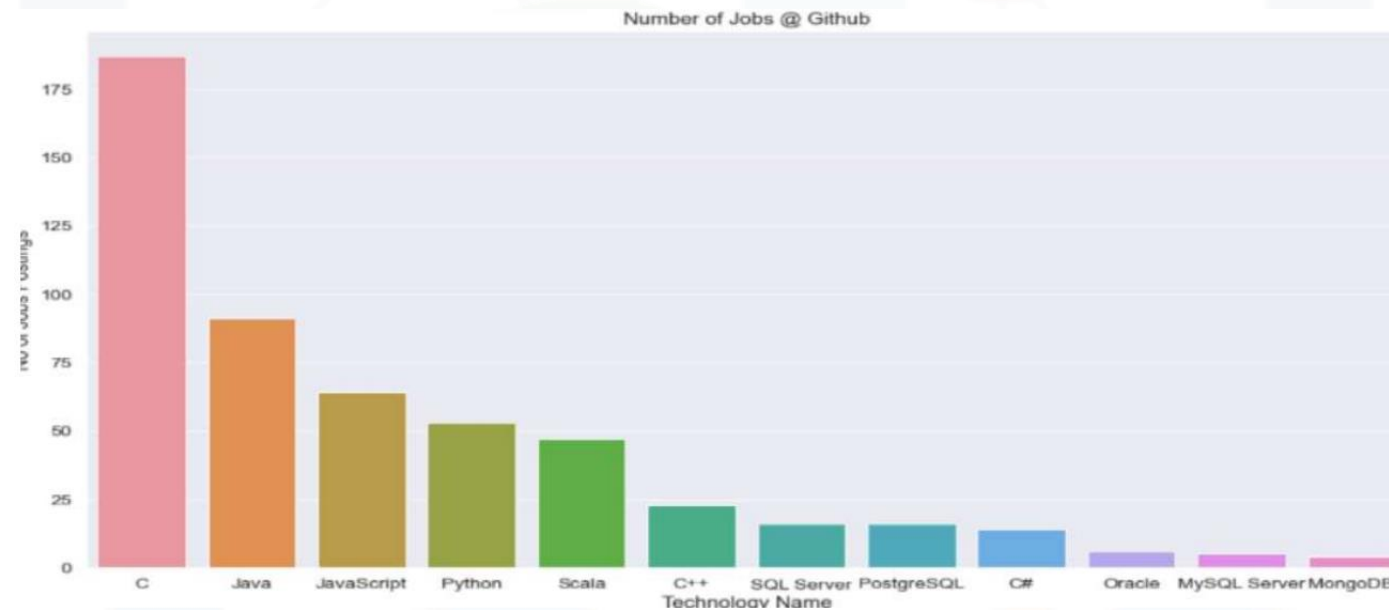


- Most developers are males
- Good idea to learn different tools, platforms and languages to keep up the most popular trends
- As of the demographics, each country has their own developers but they have to spread accessibility to grow and enhance their knowledge

APPENDIX



JOB POSTINGS



POPULAR LANGUAGES

