

STACK OVERFLOW DEVELOPER SURVEY 2024

Gebreyowhans Bahre



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OUTLINE



- Executive Summary
- Introduction
- Methodology
- Results
 - Visualization – Charts
 - Dashboard
- Discussion
 - Findings & Implications
- Conclusion
- Appendix



EXECUTIVE SUMMARY



- Point1
- Point2
 - Sub Point 1
 - Sub Point 2
 - Sub Point 3
- Point3
- Point4
- Point5



INTRODUCTION



- Point1
- Point2
- Point3
- Point4
 - Sub Point1
 - Sub Point2



METHODOLOGY



- Point1
- Point2
- Point3
- Point4
 - Sub Point1
 - Sub Point2



RESULTS

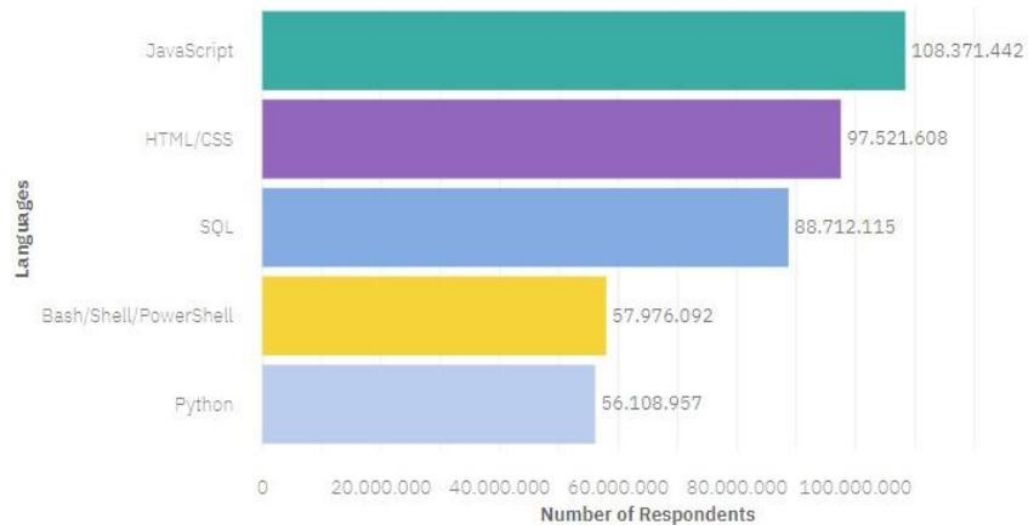


PROGRAMMING LANGUAGE TRENDS

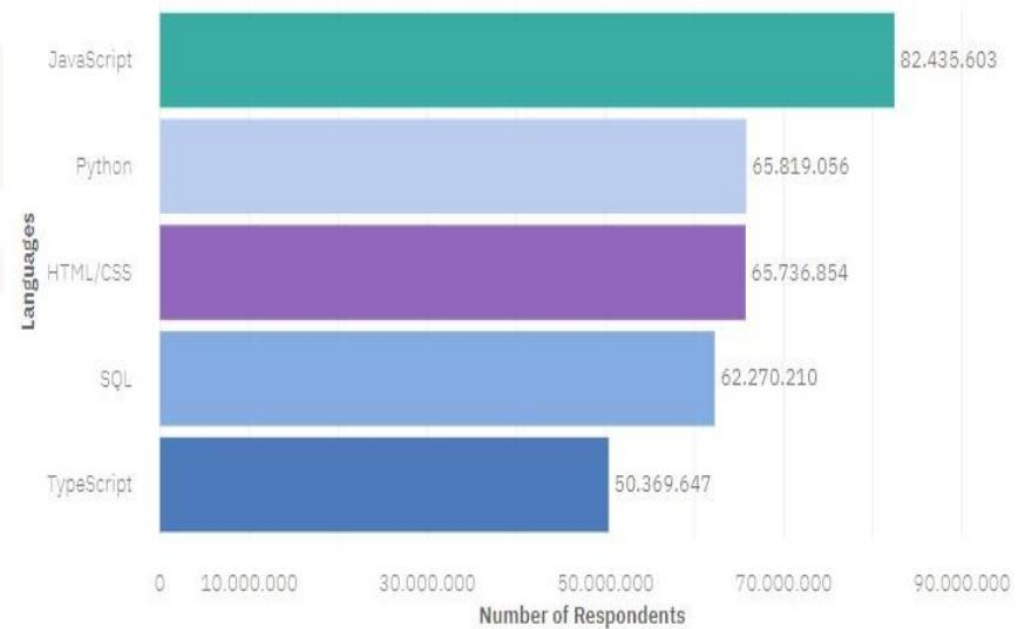
Current Year

Next Year

Top 5 Programming Language Experience



Top 5 Desired Language to Learn



PROGRAMMING LANGUAGE TRENDS - FINDINGS & IMPLICATIONS

Findings

- JavaScript seems to keep as language
- Python fastest-growing.
- Great interest in TypeScript

Implications

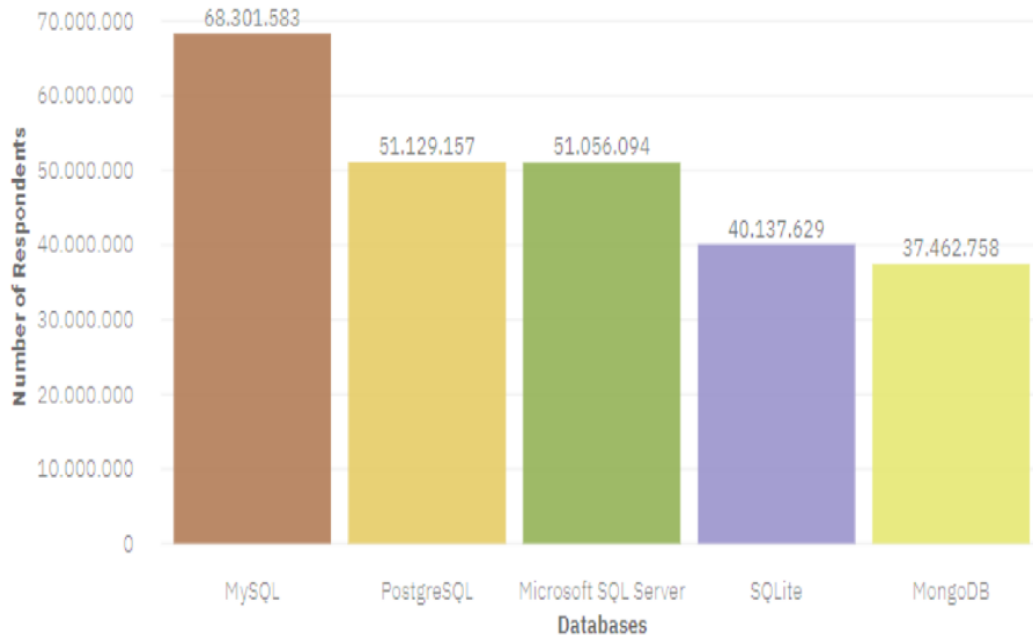
- Great interest in TypeScript from JavaScript to TypeScript



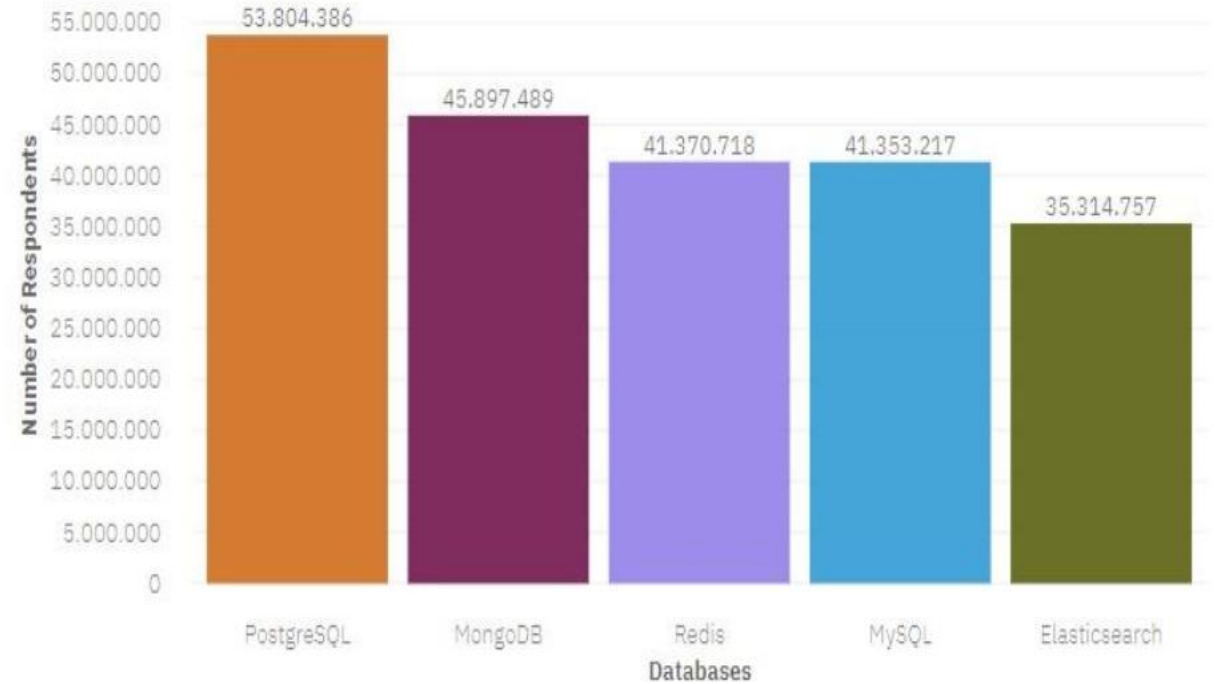
DATABASE TRENDS

Current Year

Top 5 Databases Worked with



Top 5 Desired Database to Learn



DATABASE TRENDS - FINDINGS & IMPLICATIONS

Findings

- MySQL as most used database.
- Lack of interest in Microsoft SQL Server and SQLite.

Implications

- Microsoft SQL Server and SQLite losing ground in the market.
- PostgreSQL and MongoDB

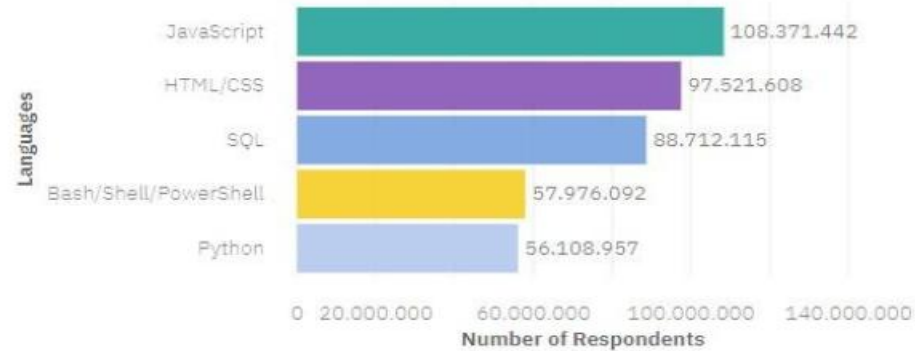


DASHBOARD



DASHBOARD TAB 1

Top 5 Programming Language Experience



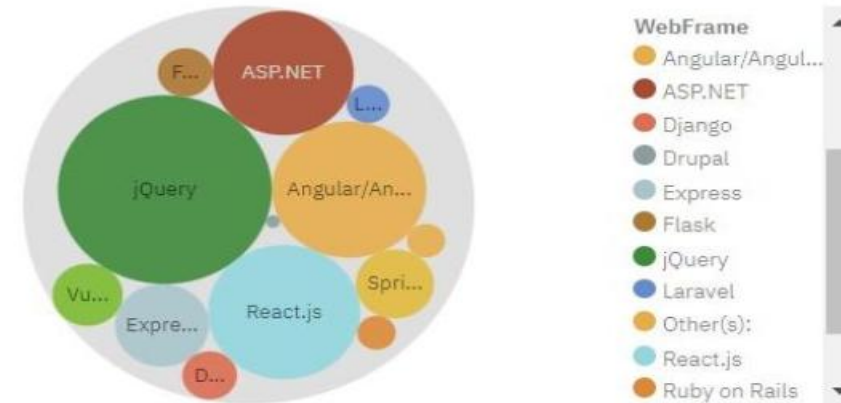
Top 5 Databases Worked with



Platforms Interacted

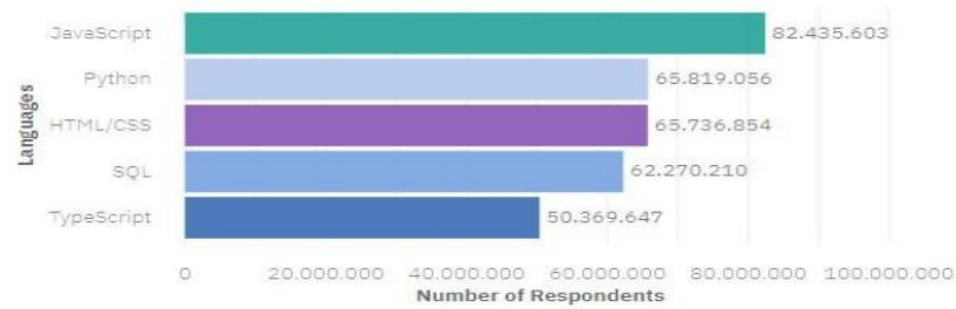


Top 10 WebFrames Used

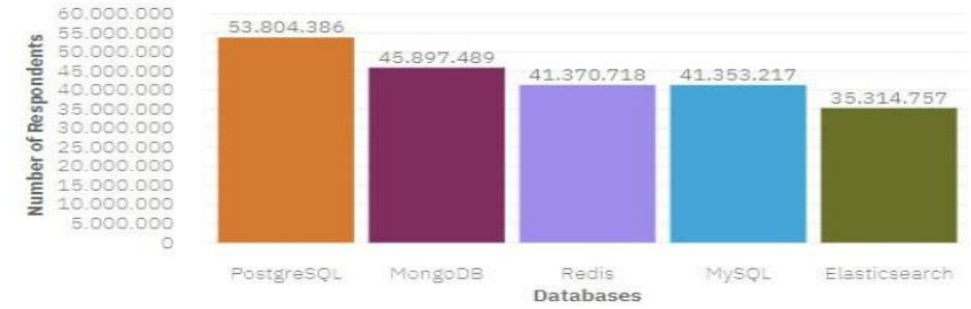


DASHBOARD TAB 2

Top 5 Desired Language to Learn



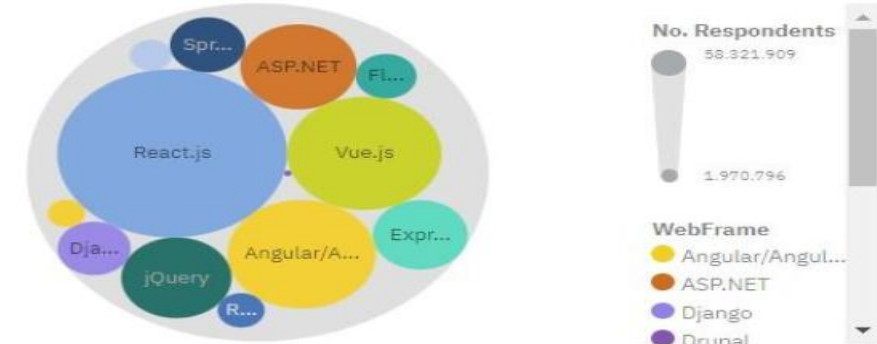
Top 5 Desired Database to Learn



Platform Next Year

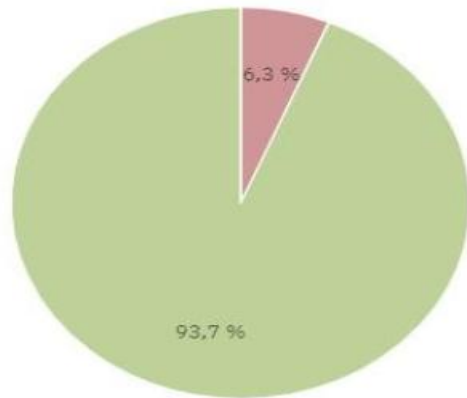


Top 10 WebFrame Next Year



DASHBOARD TAB 3

Respondent by Gender

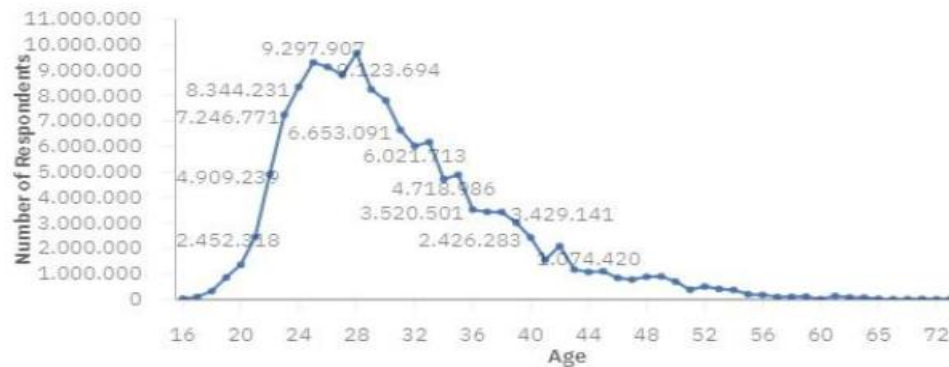


Gender
● Woman
● Man

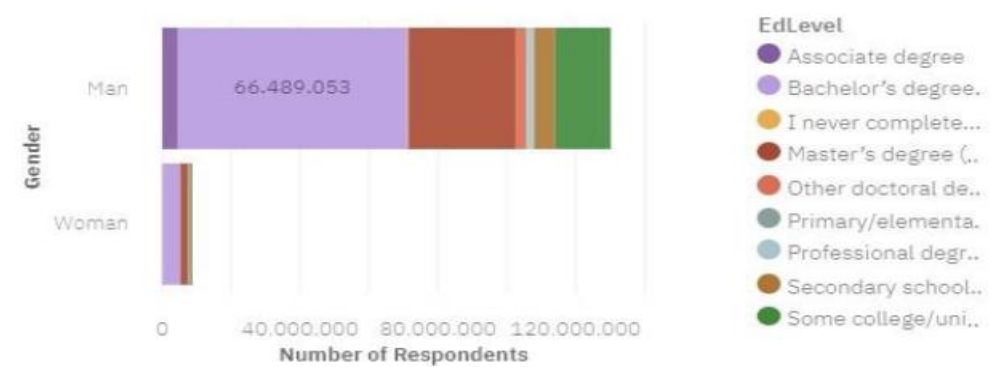
Respondent Locations



Respondent by Age



Formal Education Level / Gender



DISCUSSION



OVERALL FINDINGS & IMPLICATIONS

Findings

- JavaScript widely used and TypeScript getting popular.
- JavaScript widely used and TypeScript getting popular.
- Developers mostly located in developed countries.

Implications

- Developers mostly located in developed countries.
- Global polarization of developers location and gender
- Global polarization of developers location and gender



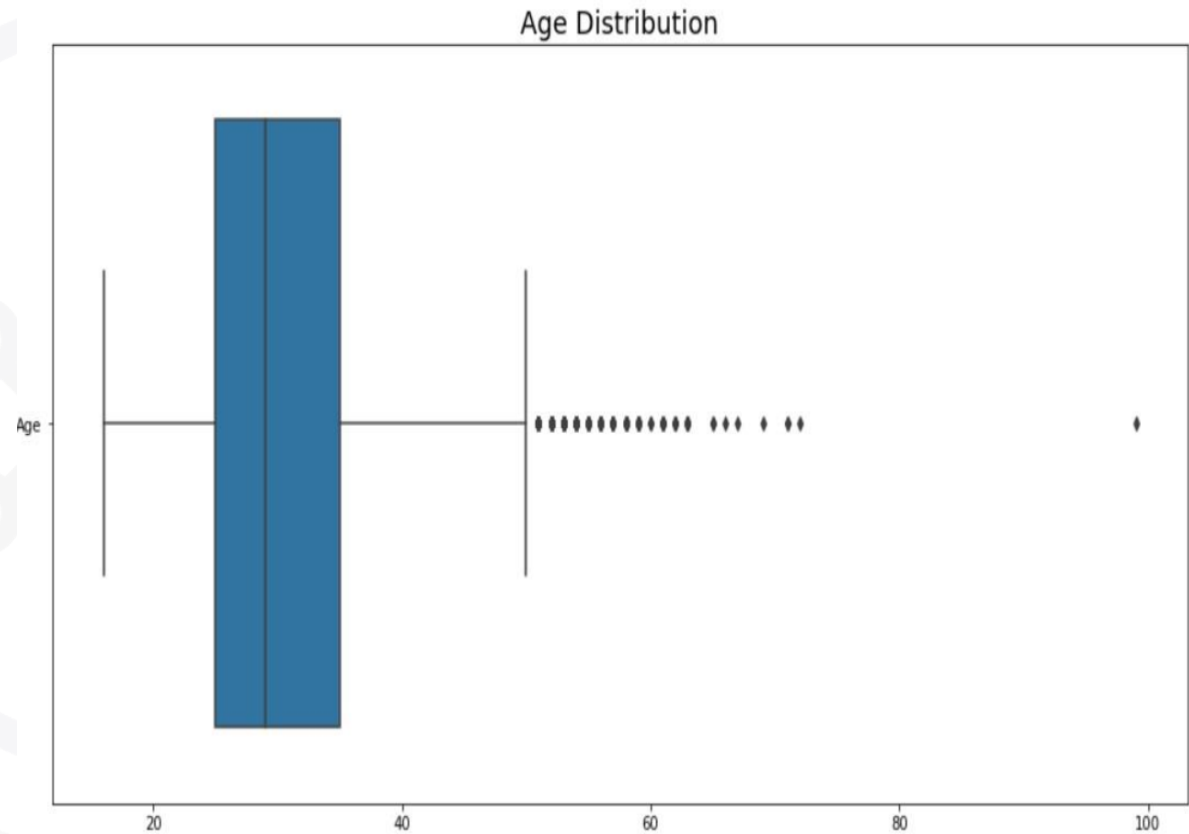
CONCLUSION



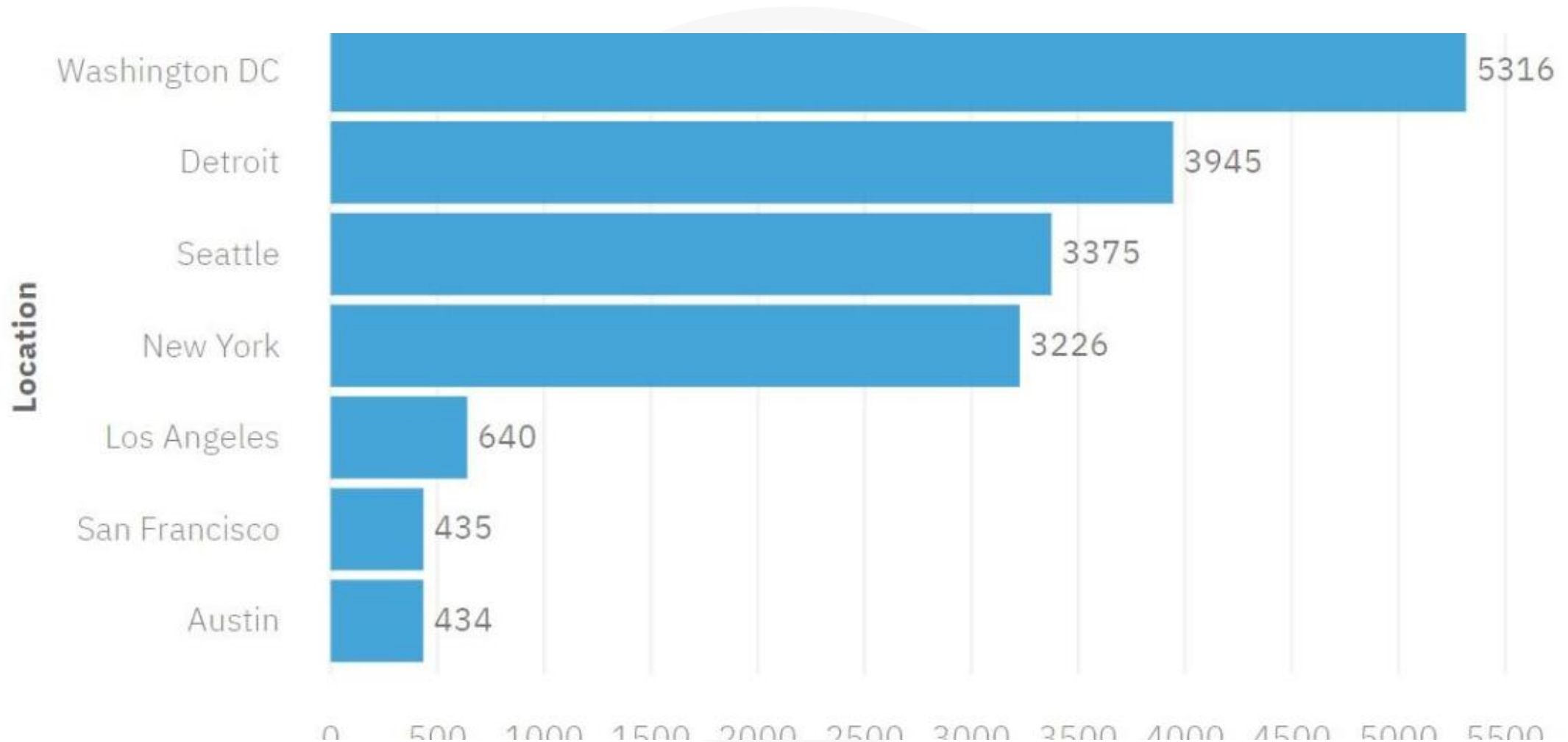
- Global polarization of developers location and gender
- A good idea of popularity trends of different tools, platforms and languages can be obtained.
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APPENDIX



JOB POSTINGS



POPULAR LANGUAGES

