



Technology Job Analysis

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2024/01/24

OUTLINE



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

EXECUTIVE SUMMARY



- Introduction
- Methodology
 - exploring Data
 - wrangling Data
 - exploratory Data Analysis
- Current Technology Usage
- Future Technology Trend
- Demographics

INTRODUCTION



- Exploring Data
- Wrangling Data
- Exploratory Data Analysis
- Dashboard
 - Current Technology Usage
 - Future Technology Trend
 - Demographics

METHODOLOGY

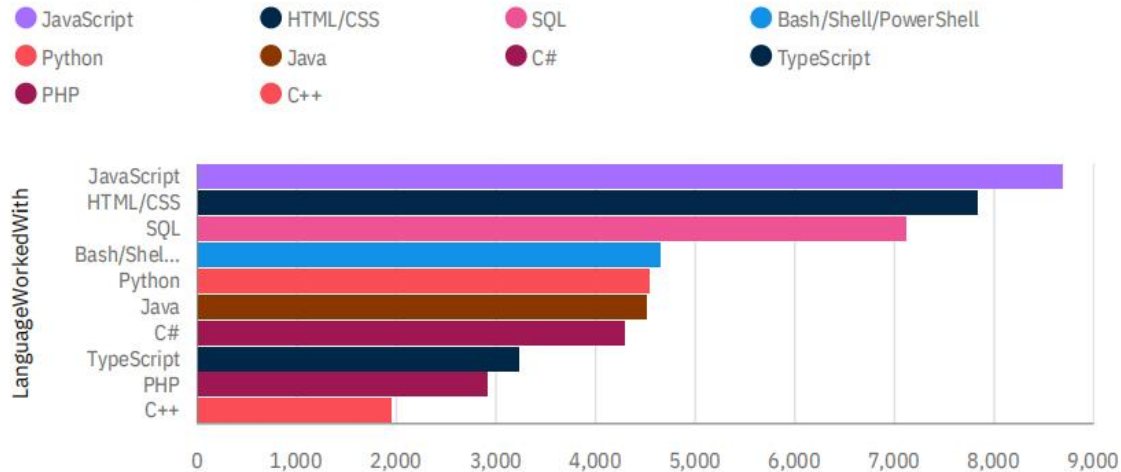


- Data Wrangling
- Normalizing Data
- Missing Values
- Duplicates
 - Finding Duplicates
 - Removing Duplicates

PROGRAMMING LANGUAGE TRENDS

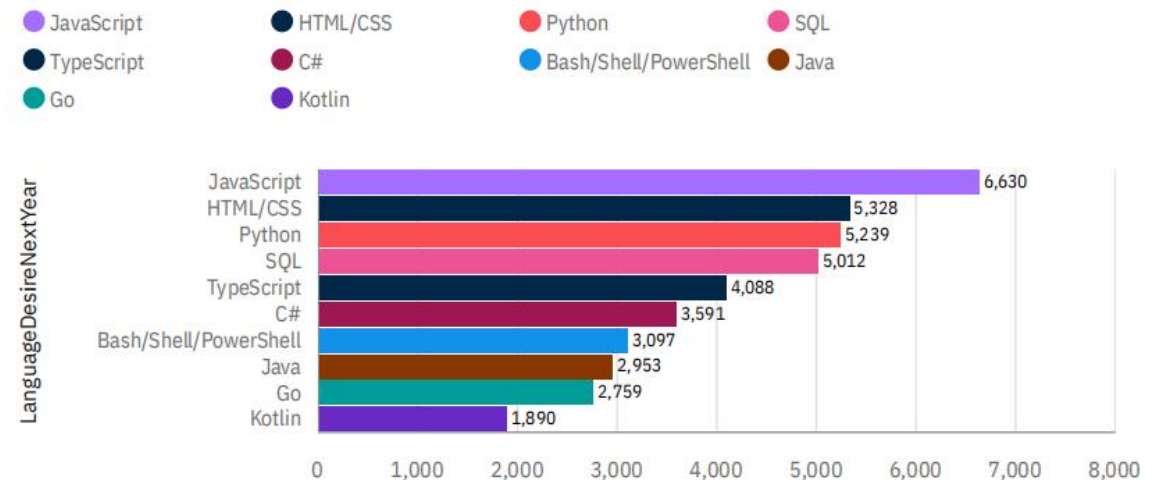
Current Year

Top 10 Language Worked With



Next Year

Top 10 Language Desire Next Year



PROGRAMMING LANGUAGE TRENDS - FINDINGS & IMPLICATIONS

Findings

- JavaScript is No.1
- HTML/CSS is No.2
- SQL is No.3

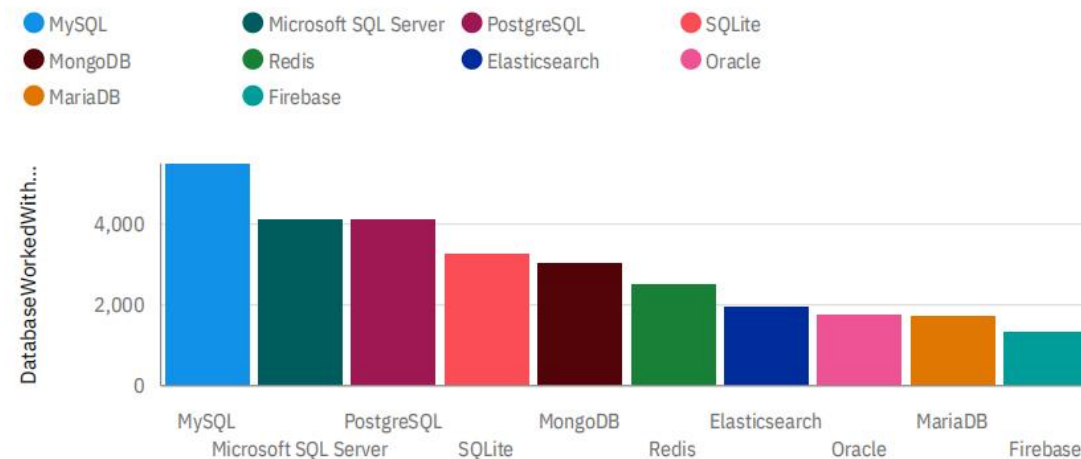
Implications

- Python's role is getting stronger
- TypeScript's role is getting stronger
- Go's role is getting stronger

DATABASE TRENDS

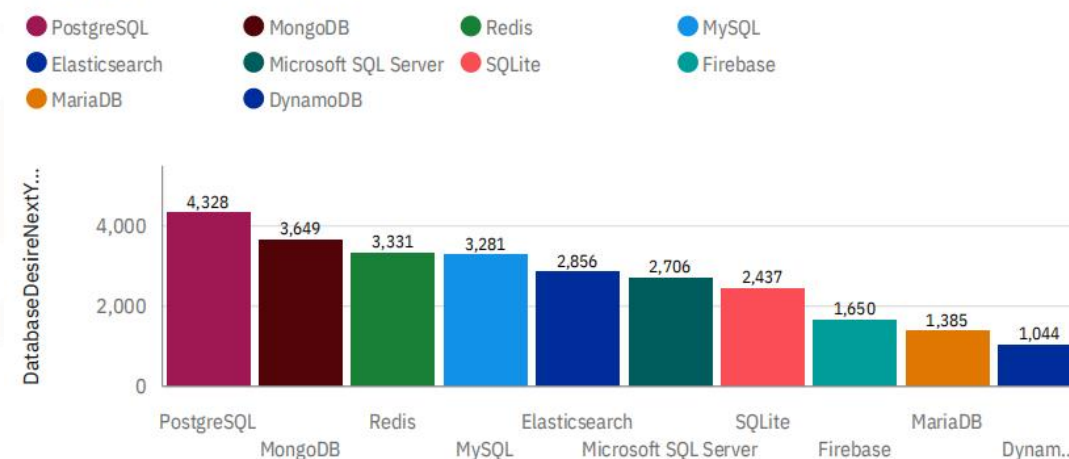
Current Year

Top 10 Database Worked With



Next Year

Top 10 Database Desire Next Year



DATABASE TRENDS - FINDINGS & IMPLICATIONS

Findings

- MySQL is No.1
- Microsoft SQL Server is No.2
- PostgreSQL is No.3

Implications

- PostgreSQL's role is getting stronger
- MongoDB's role is getting stronger
- Redis's role is getting stronger

DASHBOARD

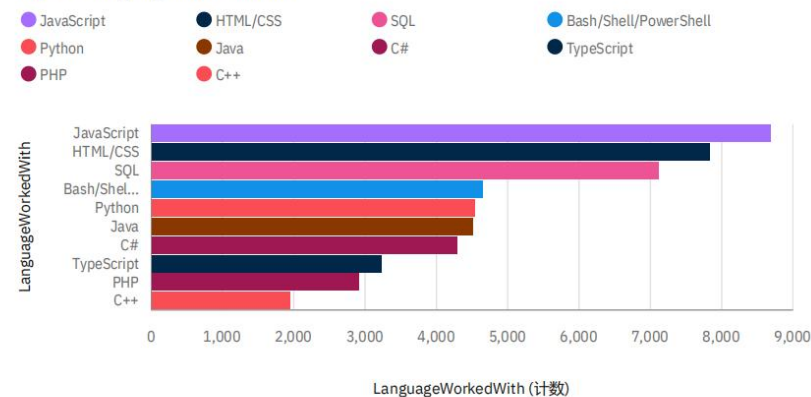


[<github link>](#)

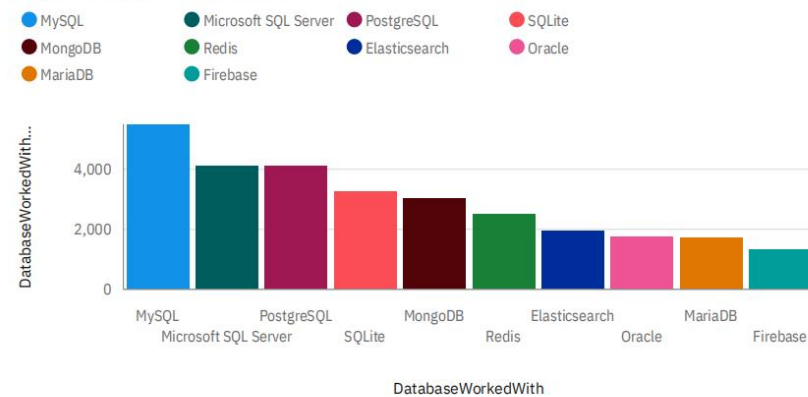
DASHBOARD TAB 1

Current Technology Usage

Top 10 Language Worked With



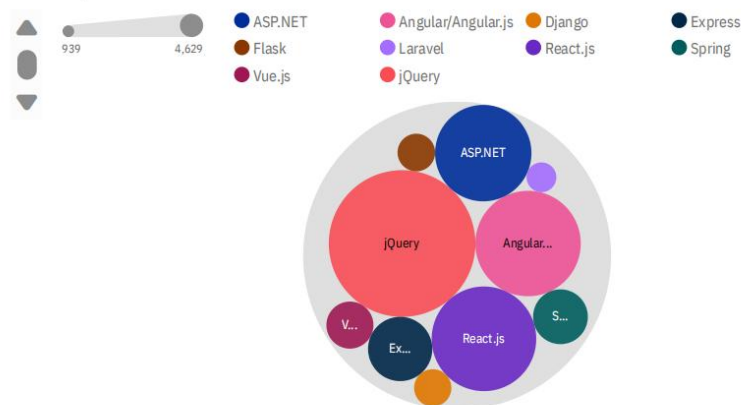
Top 10 Database Worked With



Platform Worked With

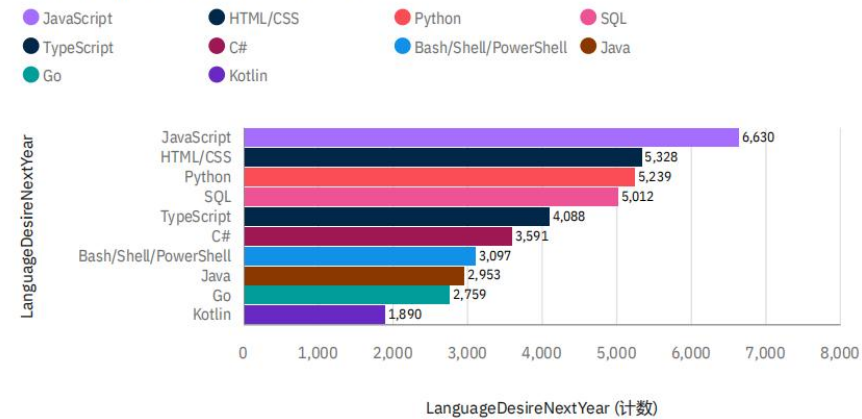


Top 10 WebFrame Worked With

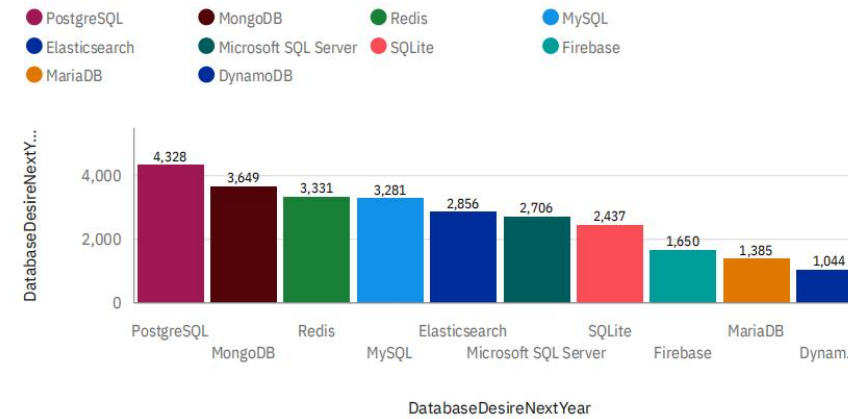


DASHBOARD TAB 2

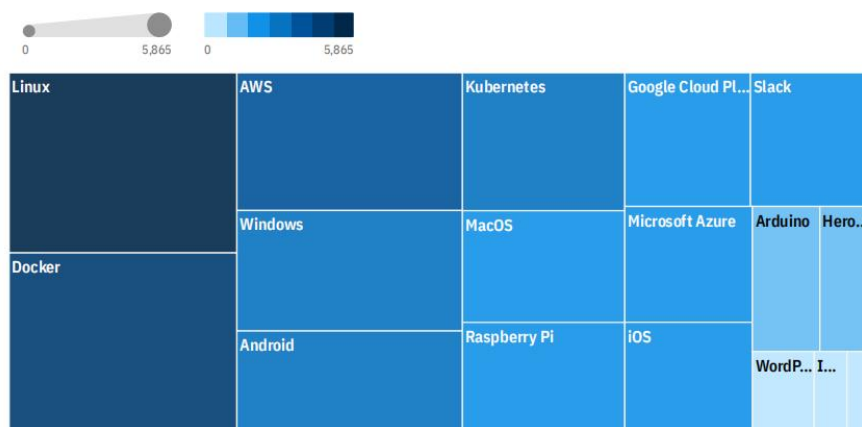
Top 10 Language Desire Next Year



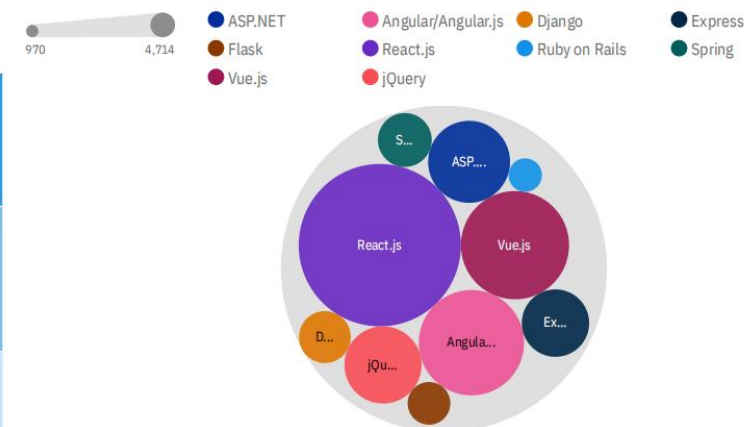
Top 10 Database Desire Next Year



Platform Desire Next Year



Top 10 WebFrame Desire Next Year

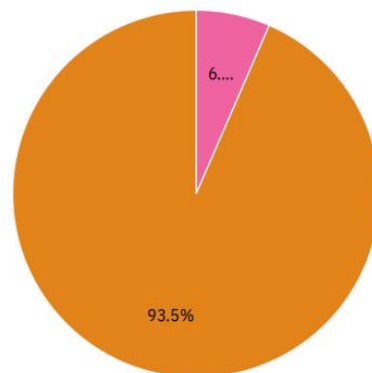


DASHBOARD TAB 3

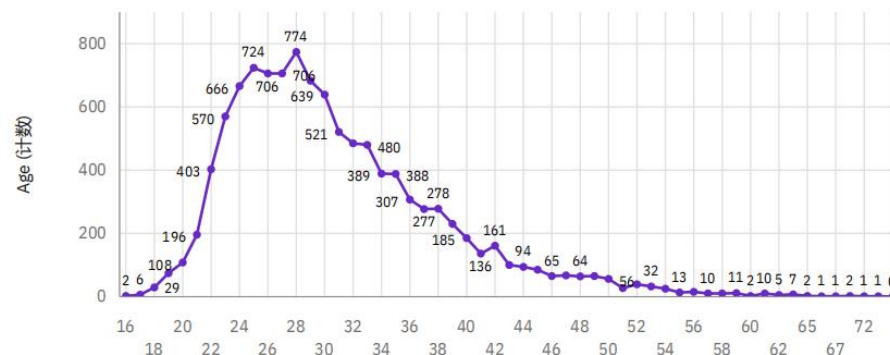
Demographics

Gender

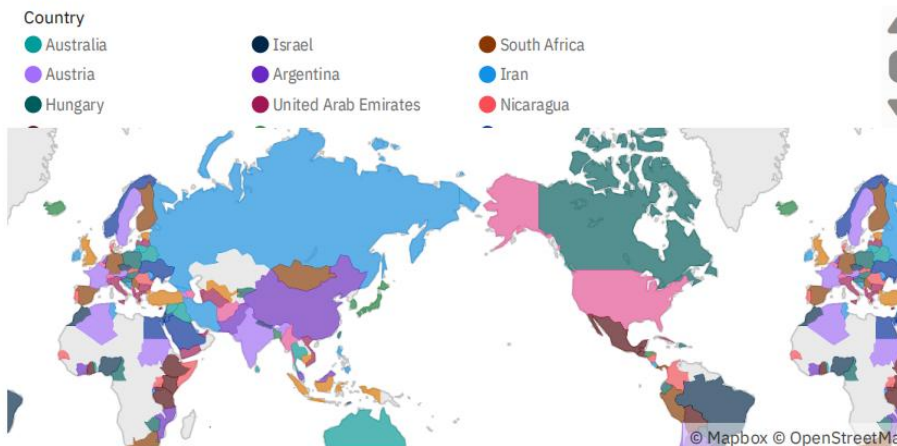
Woman Man



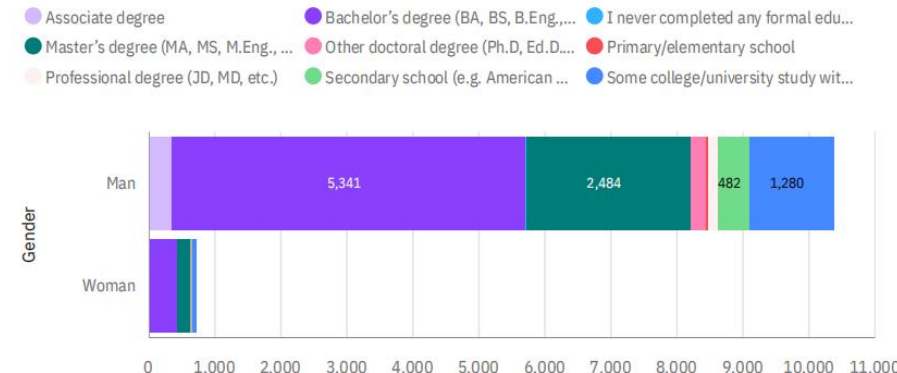
Age



Country



Formal Education Level Count by Gender



DISCUSSION



OVERALL FINDINGS & IMPLICATIONS

Findings

- JavaScript is No.1 Language
- MySQL is No.1 Database
- There are more male workers than female workers.

Implications

- Python's role is getting stronger
- PostgreSQL's role is getting stronger
- The most practitioners are 28 years old

CONCLUSION



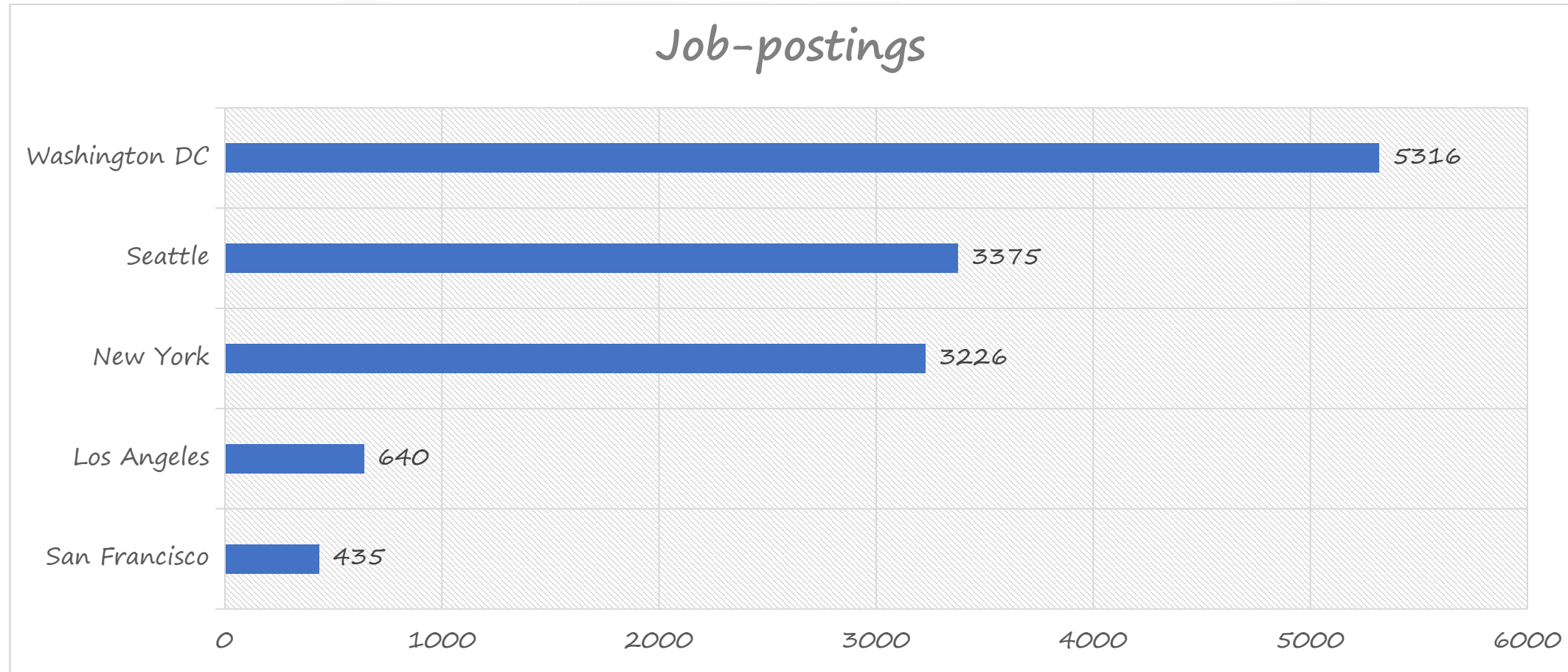
- There are more male workers than female workers.
- Window and Linux are the platforms currently used by the most people.
- The 20-30 age group has the largest number of employees.

APPENDIX



- Include any relevant additional charts, or tables that you may have created during the analysis phase.

JOB POSTINGS



POPULAR LANGUAGES

