



# Trend of programming

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# OUTLINE

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

# EXECUTIVE SUMMARY

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- Insight trend of programming
- Using below 3 point of view
  - Current Technology Usage
  - Future Technology Trend
  - Demographics
- Predict Next programming language
- Predict Current and Next Database trend

# INTRODUCTION

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- Compare current and next programming language
- Compare current and next database trend
- Analysis A Different Perspective
- Current Programming Languages and Work Relationships
  - For Location
  - For Salary

# METHODOLOGY

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- Using bar chart to compare current and next programming language
- Using column chart to compare current and next database trend
- Using Various chart
- Bar chart to analyse programming language and jobs
  - By Location
  - By Salary

# RESULTS

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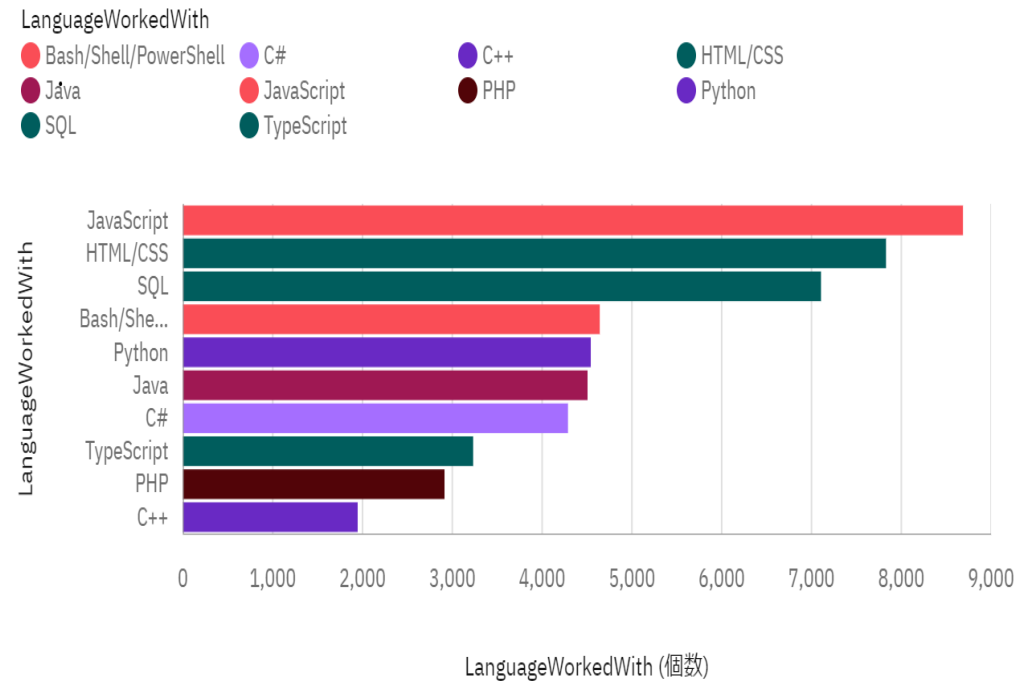
- It is expected that popularity tends to be more dispersed than concentrated.
- What is popular remains popular

# PROGRAMMING LANGUAGE TRENDS

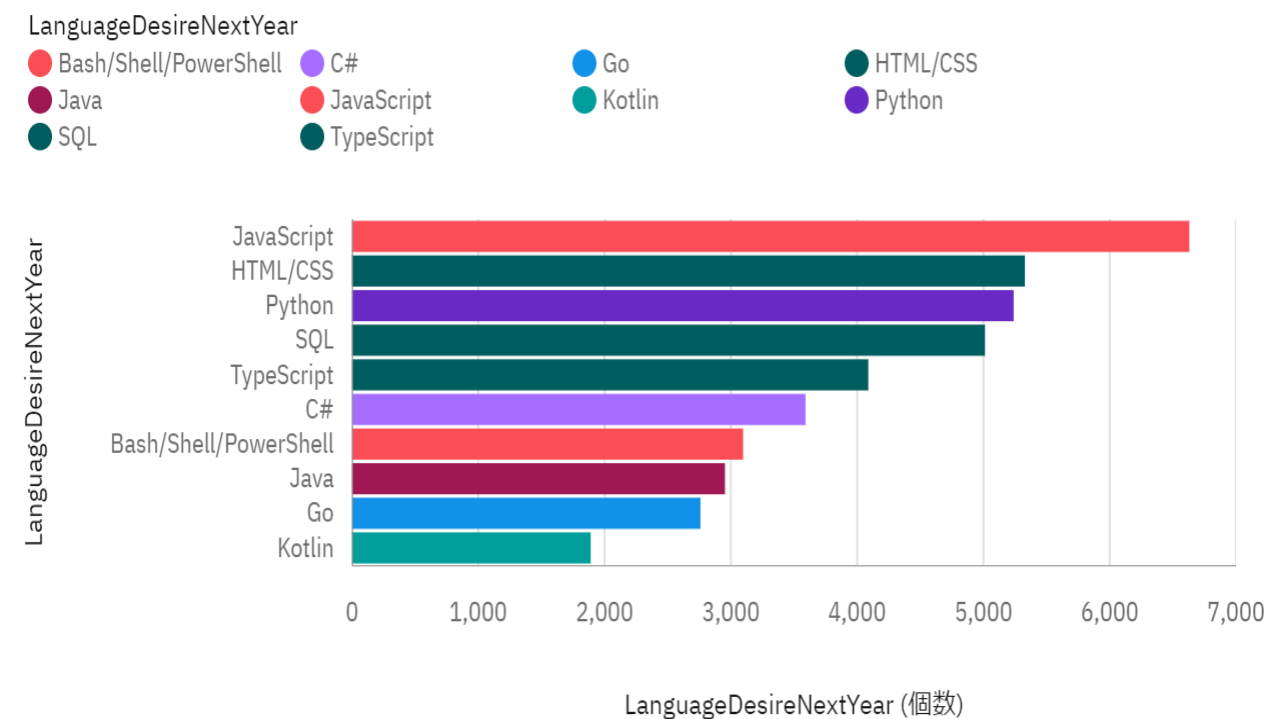
## Current Year

## Next Year

Top 10 LanguageWorkedWith



Top 10 LanguageDesireNextYear



# PROGRAMMING LANGUAGE TRENDS - FINDINGS & IMPLICATIONS

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## Findings

- The top 8 remain, though in a different order.
- PHP and C++ missed from the top 10
- Go and Kotlin showed up in the top 10

## Implications

- Popular languages haven't changed.
- Preference for simple languages such as Go over more difficult languages such as C++
- The languages used are becoming more diverse.

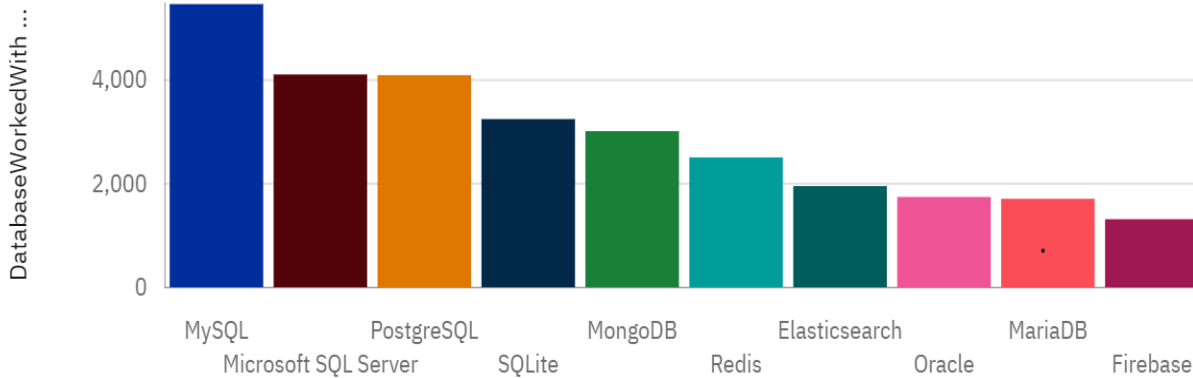


# DATABASE TRENDS

## Current Year

Top 10 DatabaseWorkedWith

DatabaseWorkedWith

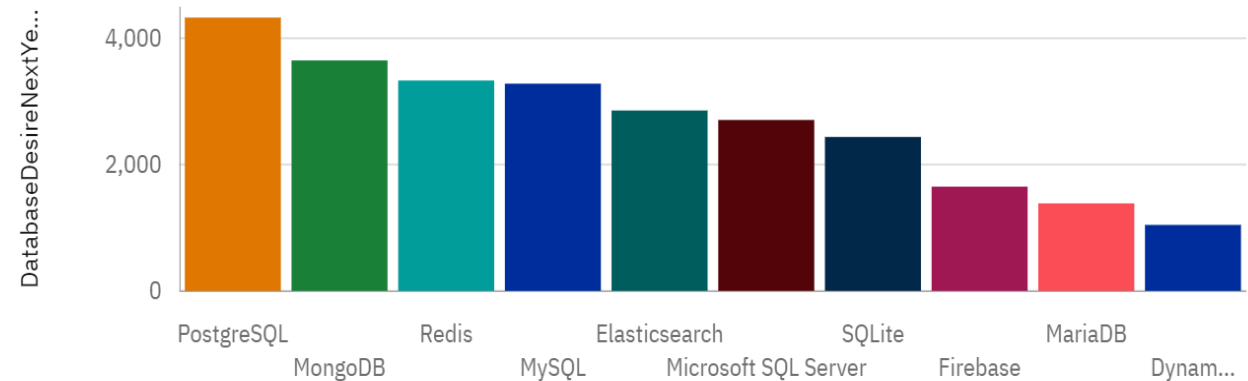
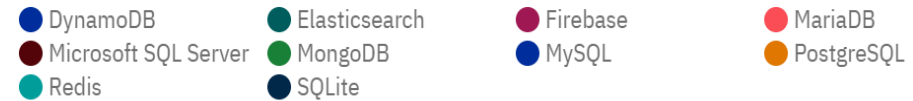


DatabaseWorkedWith

## Next Year

Top 10 DatabaseDesireNextYear

DatabaseDesireNextYear



DatabaseDesireNextYear

# DATABASE TRENDS - FINDINGS & IMPLICATIONS

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## Findings

- The top 5 remain, though in a different order.
- MySQL is dropping rapidly.
- Only PostgreSQL is over 4000.

## Implications

- Database languages haven't changed.
- Demand for MySQL is declining
- As with trend programming language, The database used are becoming more diverse.

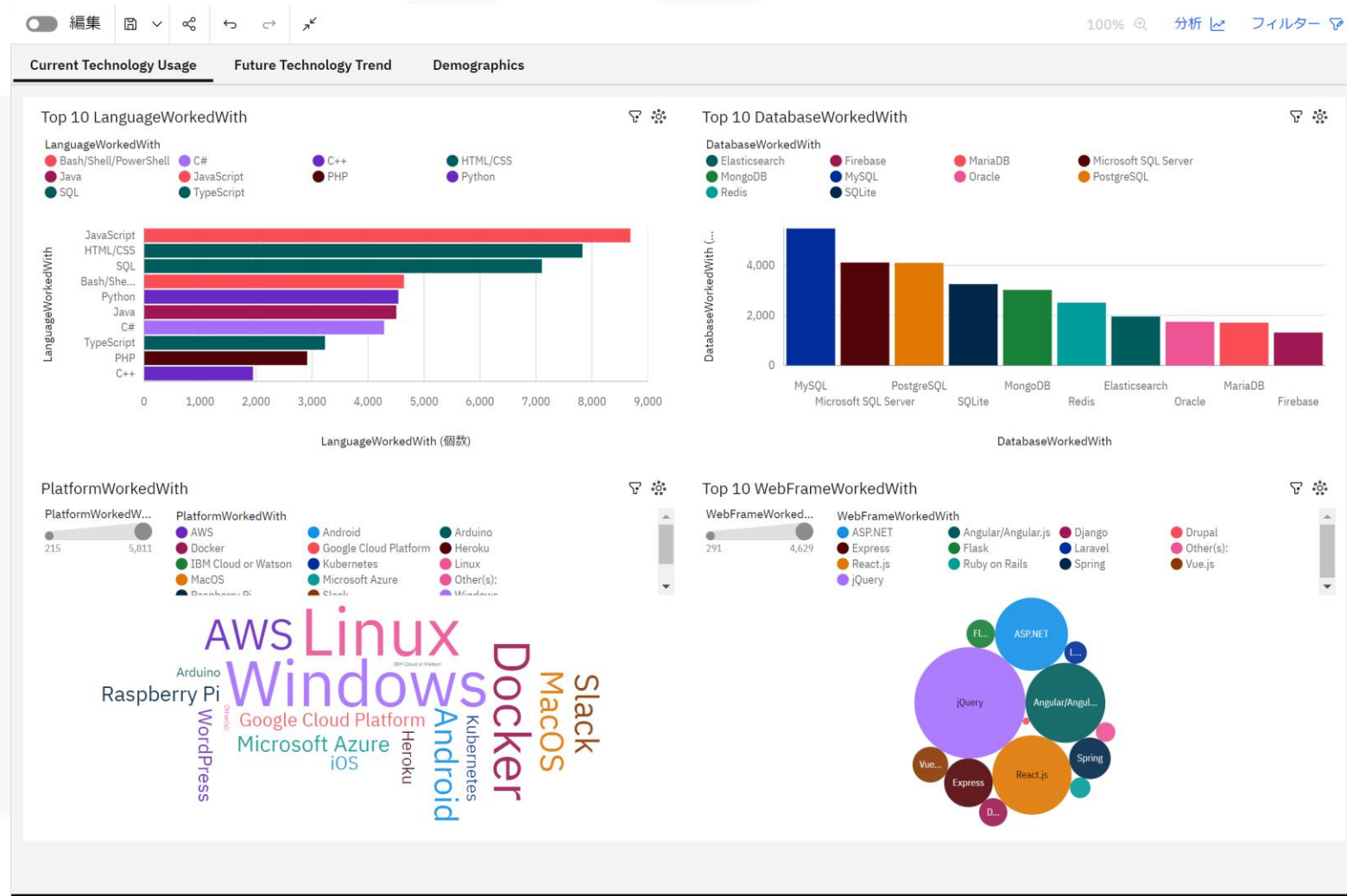
# DASHBOARD

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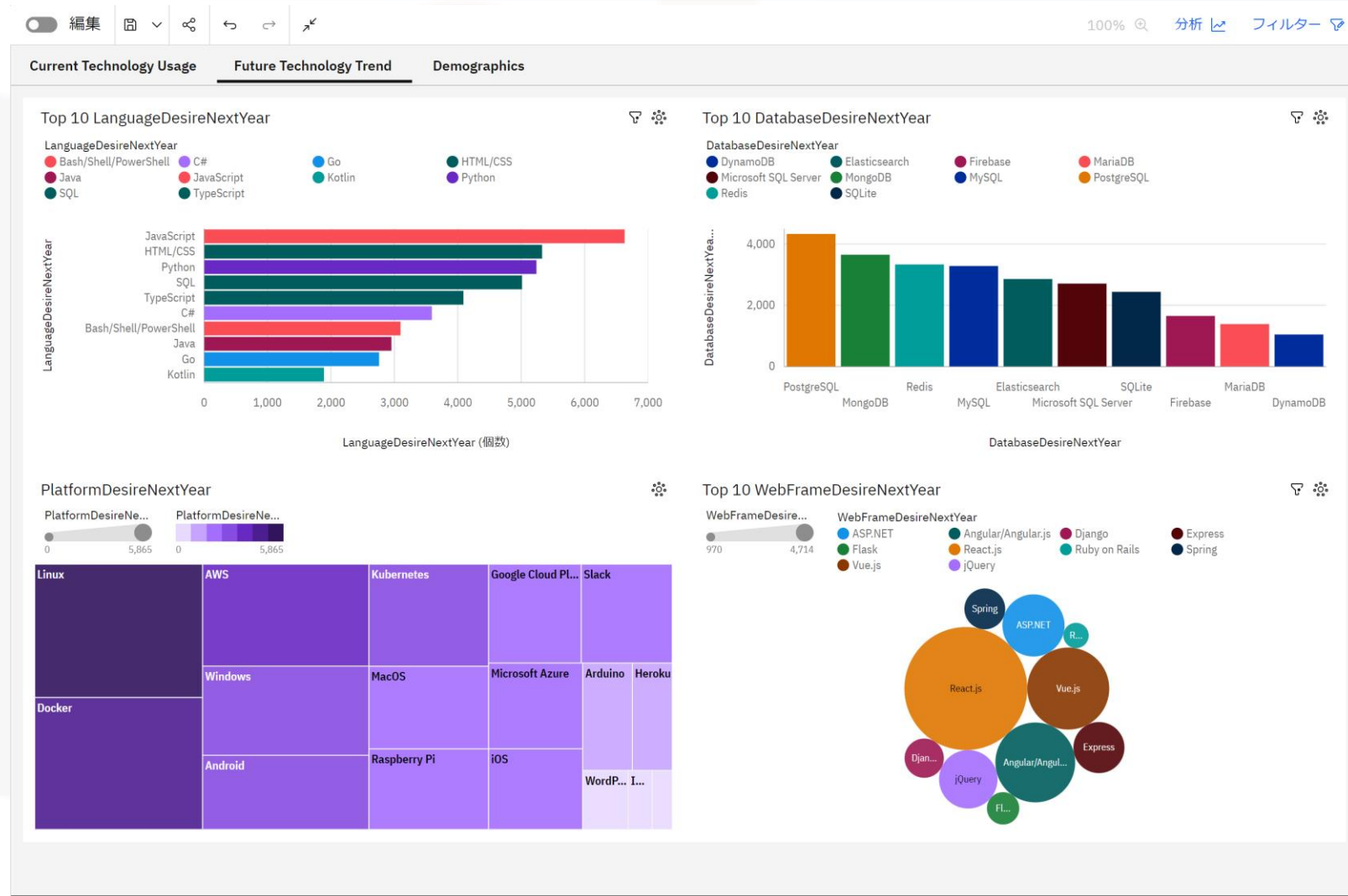


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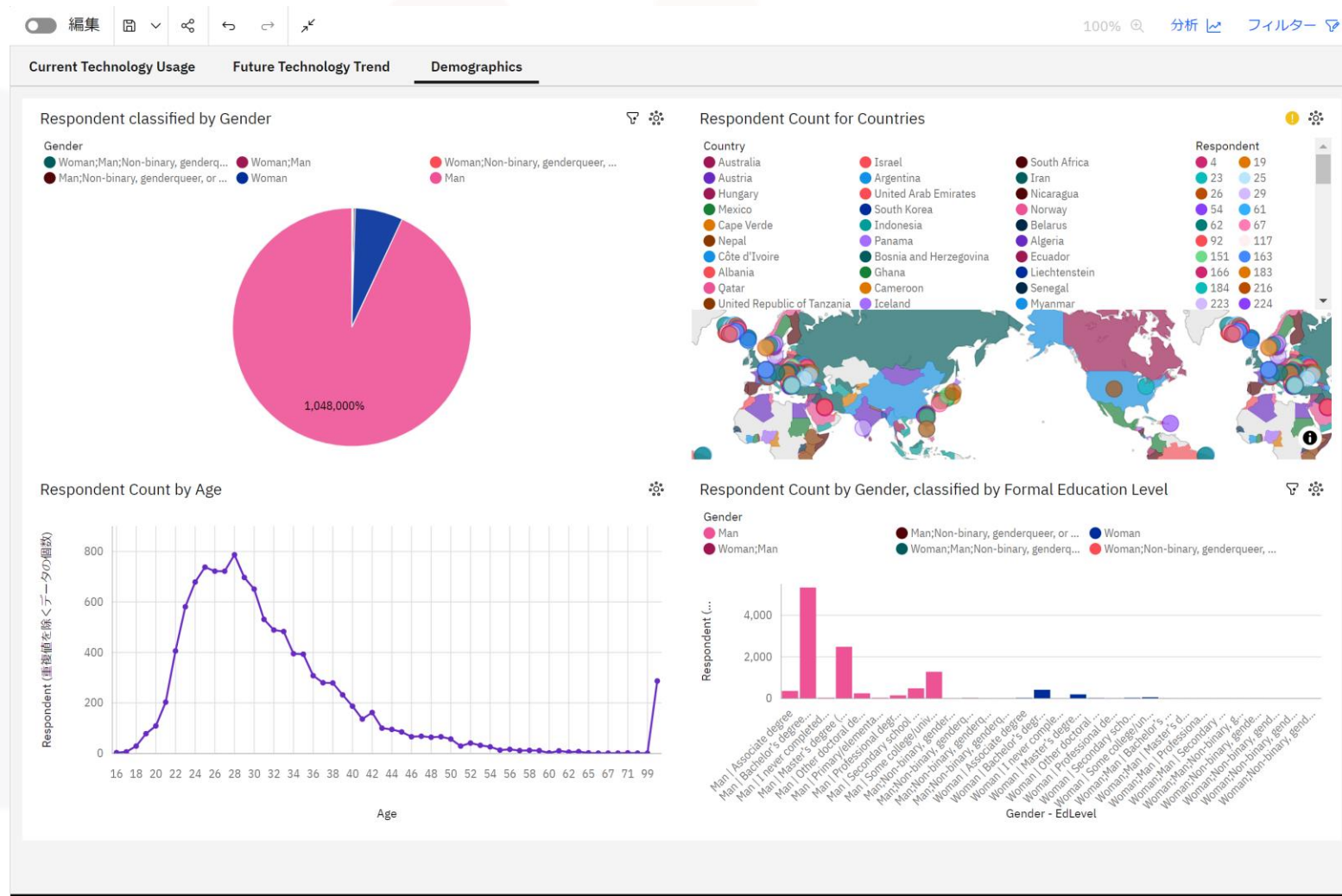
# DASHBOARD TAB 1



# DASHBOARD TAB 2



# DASHBOARD TAB 3



# DISCUSSION

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- I believe that it is better to be able to use a wide variety of languages and databases.

# OVERALL FINDINGS & IMPLICATIONS

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## Findings

- The top popular trends haven't changed much
- Overall popularity at the top is declining.

## Implications

- Popularity tends to be more dispersed than concentrated.



# CONCLUSION

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- The survey results indicate that both programming languages
- Also, database



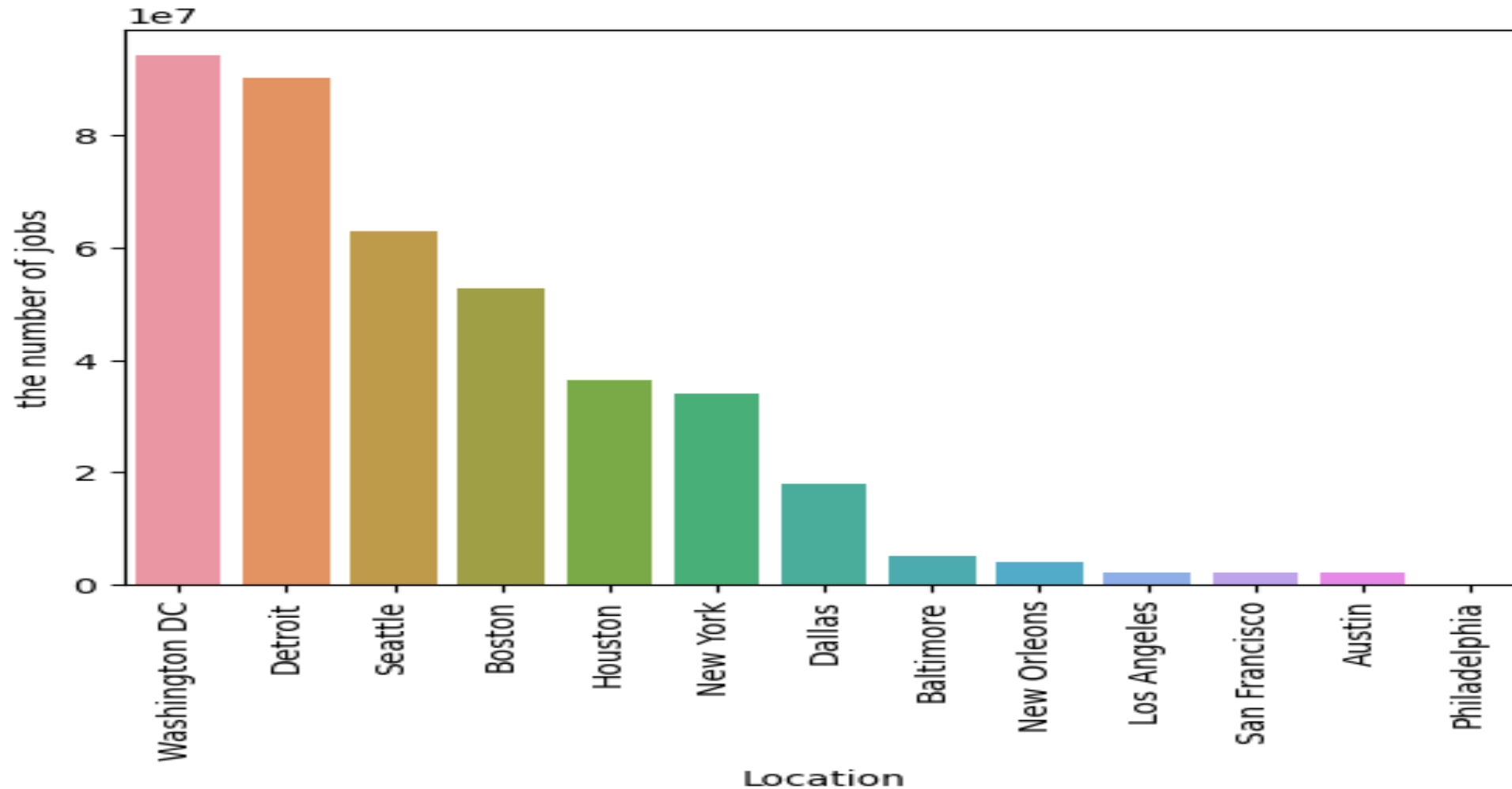
# APPENDIX

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

# JOB POSTINGS



# POPULAR LANGUAGES

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