

Stack Overflow Developer Survey-2019 FINDINGS & IMPLICATIONS

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EXECUTIVE SUMMARY



Current Technology Usage

- Top 10 Languages
- Top 10 Databases
- Platforms
- Top 10 Web Frames

• Future Technology Trends

- Top 10 Languages desired for the next year
- Top 10 Databases desired for the next year
- Desired platforms for the next year
- Top 10 Web Frames desired for the next year

• Demographics

- Respondent classified by gender
- Respondent count for countries
- Respondent count by age
- Respondent count by gender and classified by education level

INTRODUCTION



- The top programming languages in demand
- The top database skills in demand
- The popular IDEs
- Correlation Between numerical data
- scraping internet web sites and accessing APIs to collect data

METHODOLOGY

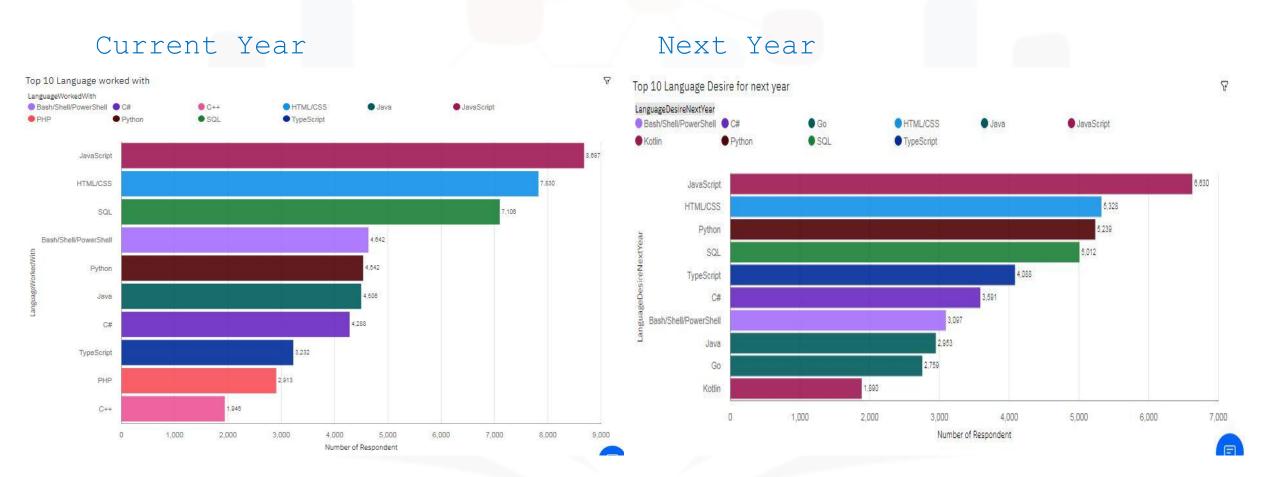


- Collecting Data Using APIs
 - The GitHub Jobs API allows us to search, and view jobs with JSON over HTTP.
 - GitHub Jobs API allows anyone to query for the jobs based upon:
 - Technology like Python, MySQL
 - City like New York, Bangalore
- Collecting Data Using Webscrping

RESULTS



PROGRAMMING LANGUAGE TRENDS





PROGRAMMING LANGUAGE TRENDS - FINDINGS & IMPLICATIONS

Findings

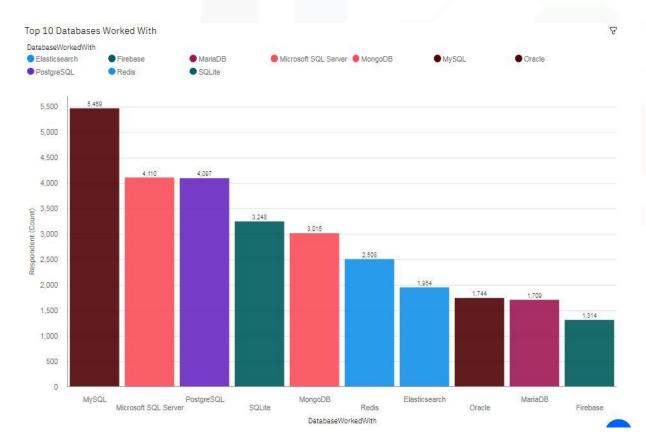
- JavaScript is the most popular language to use in current and also in future
- HTML/CSS is the second most popular language to use in current and also in future
- Python has the rising trend

Implications

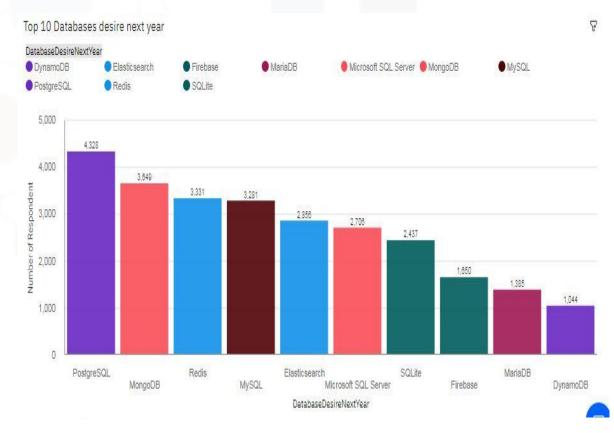
- JavaScript and HTML/CSS both have demand in current and future trend.
 - Python is the new thread for near future and need to be focused on that.
 - Java, C#, C++ have lost their momentum. People are looking for other languages apart from them

DATABASE TRENDS

Current Year



Next Year







DATABASE TRENDS - FINDINGS & IMPLICATIONS

Findings

- RDBMS has the dominant trend in current usage
- NON RDBMS have the dominant trend in future

Implications

- People are highly interested to learn non-relational databases.
- It is clear that big data will become very popular in upcoming year



DASHBOARD



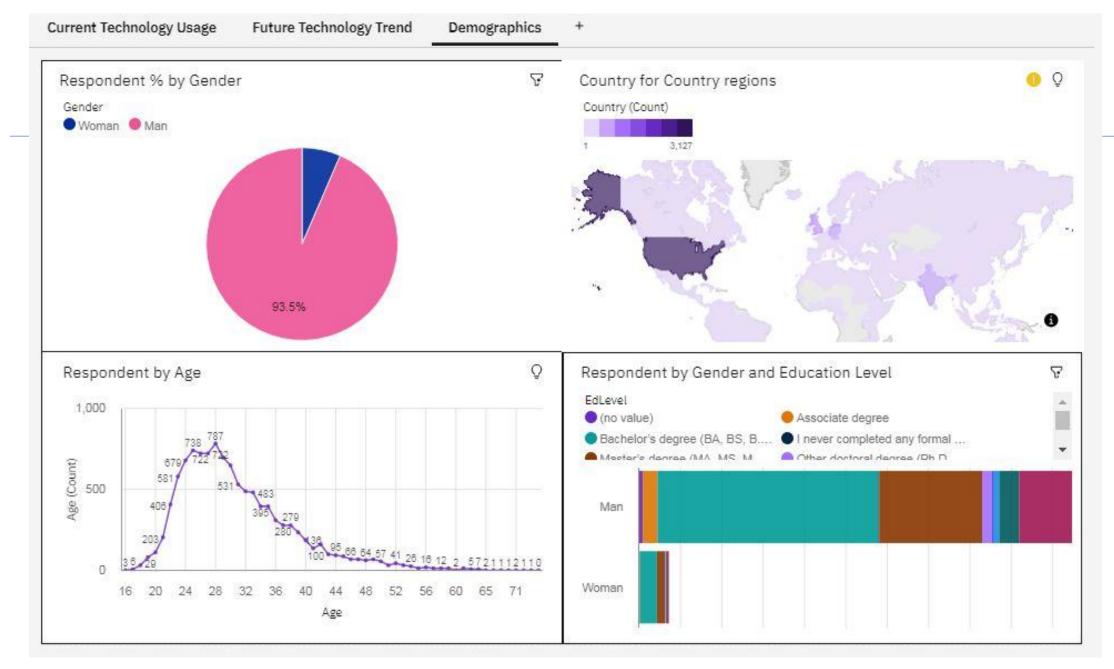
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DISCUSSION



• It is clear from previous study that, The upcoming future is for big data so the knowledge on big data along with advanced programming languages will make the differences.

OVERALL FINDINGS & IMPLICATIONS

Findings

- The upcoming programing trend is for advanced programming languages
- The upcoming trend for databases is nonrelational databases

Implications

- People are looking for advanced programming languages along with easy learning.
- People are looking for big data cause data is every where.

CONCLUSION



- The top programming languages in demand
- The top database skills in demand
- The popular IDEs
- scraping internet web sites and accessing APIs to collect data