STACK OVERFLOW DATA ANALYSIS

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SUMMARY ANALYSIS

Data contextualization and analysis goal.

- Methodology description.

- Data gathering.

- Data analysis.

- Data visualizations.

- Results presentation supported with graphs and trends.

- Discussion of overall findings and implications regarding

the results previously exposed.

- Final conclusions of the carried out research

Methodology

Collect survey data & explore its content

- Web Scraping

- APIs.

- Request library.

- Data Wrangling

- Exploratory data analysis

- Analyzing data distribution.

- Handling outliers.

- Correlations.

- Data Visualization

- Highlight distribution of data, relationships, the composition and

comparison of data.

- Dashboards

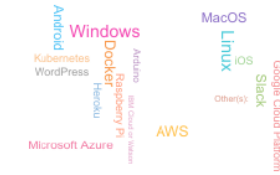**Programming languages trends**

Findings

- JavaScript seems to keep as leading language.

- Python fastest-growing.

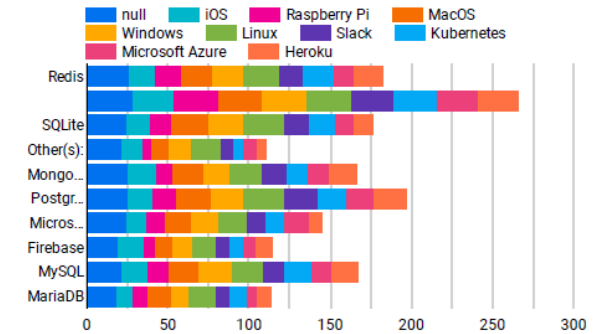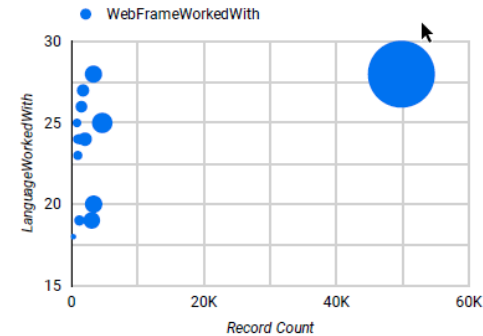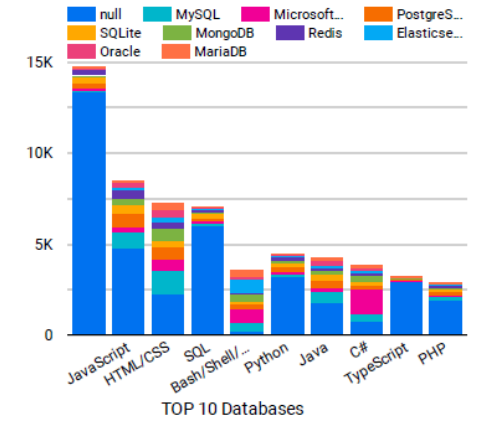- Great interest in TypeScript

Implications

- Possible developers migration from JavaScript to TypeScript.
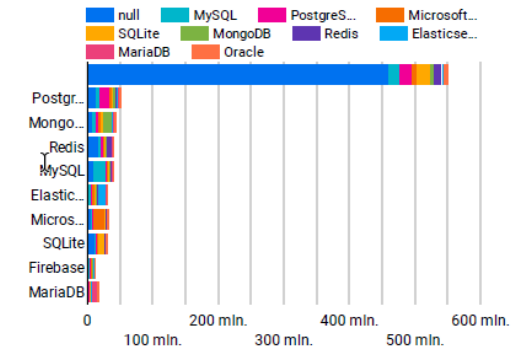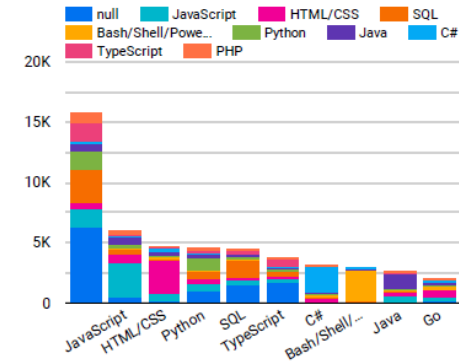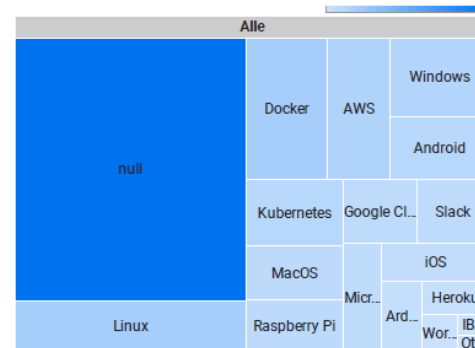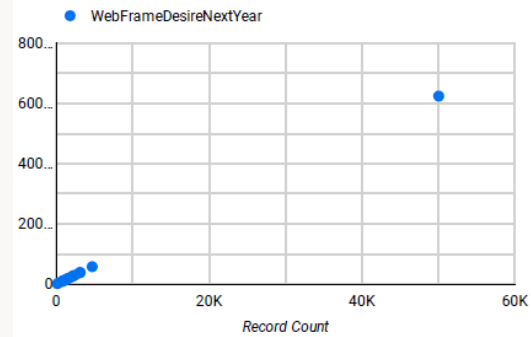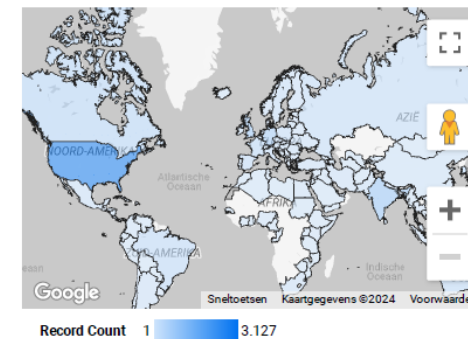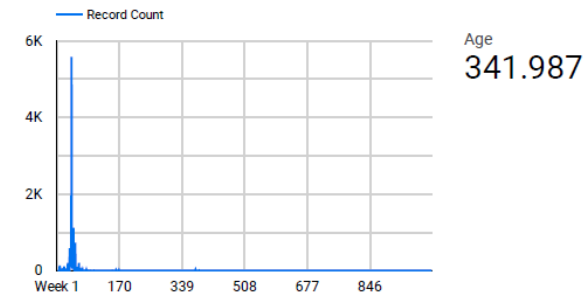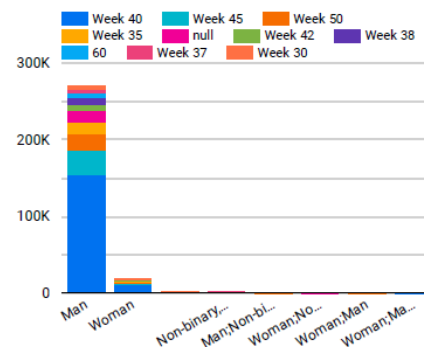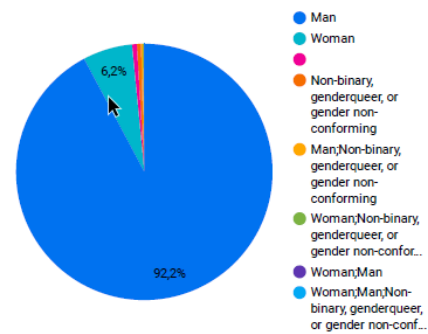
Current tech usage

Future tech usage

Demographics

Tech summary

Findings

- JavaScript widely used and TypeScript getting popular.
- Over 90% young male developers.
- Developers mostly located in developed countries.

Implications

- JavaScript and TypeScript web frames gaining followers.
- Global polarization of developers location and gender.
- Young developers without postgrad studies on its majority.

conclusion

Developers are people with very marked characteristics.

• A good idea of popularity trends of different tools, platforms and languages can be obtained.

• There is a job to be done to spread accessibility of this labor market to countries in development.