

Probability & Statistics

Data Analysis Report

Most Popular Programming Languages (2015-2020)



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Executive

The Data represents the 'Most Popular Programming Language' through a period of time.

Introduction & Background

The data is collected from 15th till 20th of every month. Against every date the section represents the total percentage of approval in favour of the said language. Which shows the popularity of language on a specific date.

Purpose & Limitations

In Period of five days of every month, students of Computer Science were asked about their favourite coding language. The students' answer was based on; how easy it was to learn, and how beneficial the language was in the near future. The data was watered down in percentage form to clearly show the approval percentage of each language in a pool of students.

The trend of popularity amongst the students shows how the popularity of python has increased over a few days. This data only consists of some of the popular languages in computer science but as this field is constantly improving, new and more user friendly languages have been created which are not part of the data. Which is the limitation of the collected data.

Sample

The popularity of the language 'Kotlin' has increased gradually at the end of the year. As noted at the beginning of the year the popularity of language was 0 and from 16th of February till the 20th of December the popularity trend increased to 1.44.

Python has the highest popularity percentage among all languages. With a rating of 31.78, which keeps changing over the course of the time period. Whereas, Java has the highest average popularity percentage of 21.85889 and Dart with the lowest average percentage of 0.220417.

