

Popularity Score

The popularity of a certain library/package/programming language on Stack Overflow/Github.

Popularity can be a very subjective term with multiple connotations and must be handled with caution.

Contributing Variables

1. **Stack Overflow Tags (S):** An example of stack overflow question tags can be seen here. Tags are the easiest way to find out whether a language or package is popular on Stack Overflow. We can use this as our main contributing factor “S”.

thanks very much.

javascript data-visualization d3.js

729.3k followers, 1.5m questions

JavaScript (not to be confused with Java) is a high-level, dynamic, multi-paradigm, weakly-typed language used for both client-side and server-side scripting. Use this tag for questions regarding ECMAScript and its various dialects/implementations (excluding ActionScript and Google-Apps-Script). Unless another tag for a framework/library is also included, a pure JavaScript answer is expected.

frequent info top users jobs

asked May 3 '12 at 23:16

Richard

8,377 19 86 133

for a working example. It seems you need to transform the default y axis points down). Here are the pages I and bl.ocks.org/1166403 Hope they help! –

add a comment

Answers

active oldest votes

2. **Github language data, % of repos with language and commits (G):**

Github data is made of 3 contributing factors:

1. Total language data over time (G_1)
2. % of repositories with the language (G_2)
3. Commits with the language (G_3)

We can use average out all three factors with equal weightage (this can be up for discussion) and group it as one overarching factor “G”.

Overall the popularity score can be a weighted sum of “G” and “S” with slightly more importance being given to “S” since we are building our tool from an educational point of view with the final equation as follows

$$0.8 * S + 0.2 * G = \text{Popularity Score (P)}$$