

Mašinsko učenje - Uvod u R

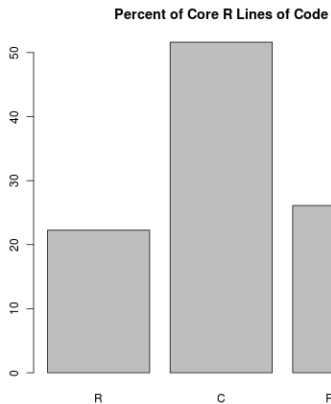
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Uvod u R

- R je programsko okruženje za upravljanje podacima, računanje i grafički prikaz.
- R omogućuje:
 - bogatu biblioteku programa za procesiranje podataka,
 - napredne metode vizualizacije podataka,
 - kao programski jezi omogućuje apstrakcije.
- R je i programsko *okruženje*.
- Primarna upotreba R je za: statističku analizu, vizualizaciju podataka i mašinsko učenje.
- CRAN web stranica: `cran.r-project.org`.

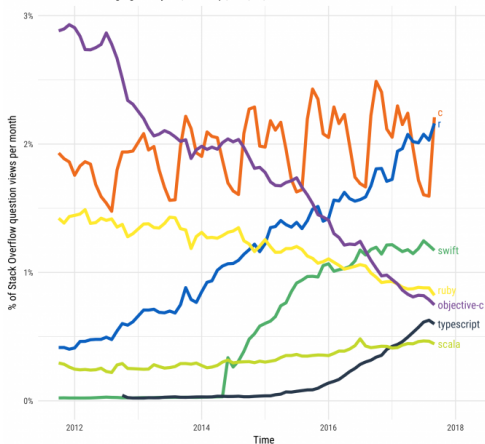
R kod



Analiza iz 2011. god. Izvor <https://librestats.wordpress.com/2011/08/27/how-much-of-r-is-written-in-r/>

Stack Overflow Traffic to Programming Languages

Based on visits to Stack Overflow questions from World Bank high-income countries. The more-visited languages of Python, JavaScript, Java, C#, and PHP were omitted.

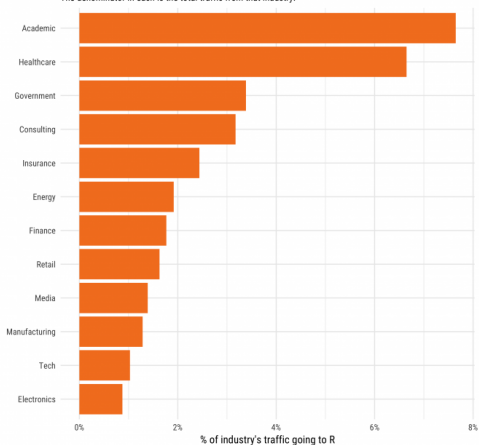


Analiza iz 2017. god. Izvor <https://stackoverflow.blog/2017/10/10/impressive-growth-r/>

R kod

Visits to R by industry

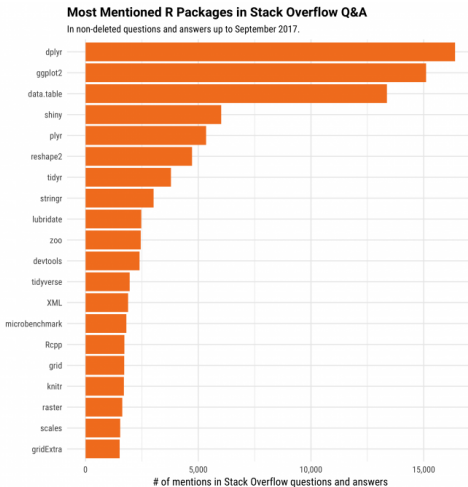
Based on visits to Stack Overflow questions from the US/UK in January-August 2017.
The denominator in each is the total traffic from that industry.



Upotreba po industrijskim granama do 2017. god. Izvor <https://stackoverflow.blog/2017/10/10/impressive-growth-r/>

R paketi

- Za većinu paketa potrebno je izvršiti instalaciju unutar R okruženja.



Korisni linkovi



- Ukratko o R-u:
<https://cran.r-project.org/doc/manuals/r-release/R-intro.pdf>
- R-studio:
<https://www.rstudio.com/products/rstudio/download/#download>
- Članci: www.r-bloggers.com.



Hvala na pažnji.

Sada idemo na prikaz
komandi.

Da li imate pitanja?