

ISED CASE STUDY

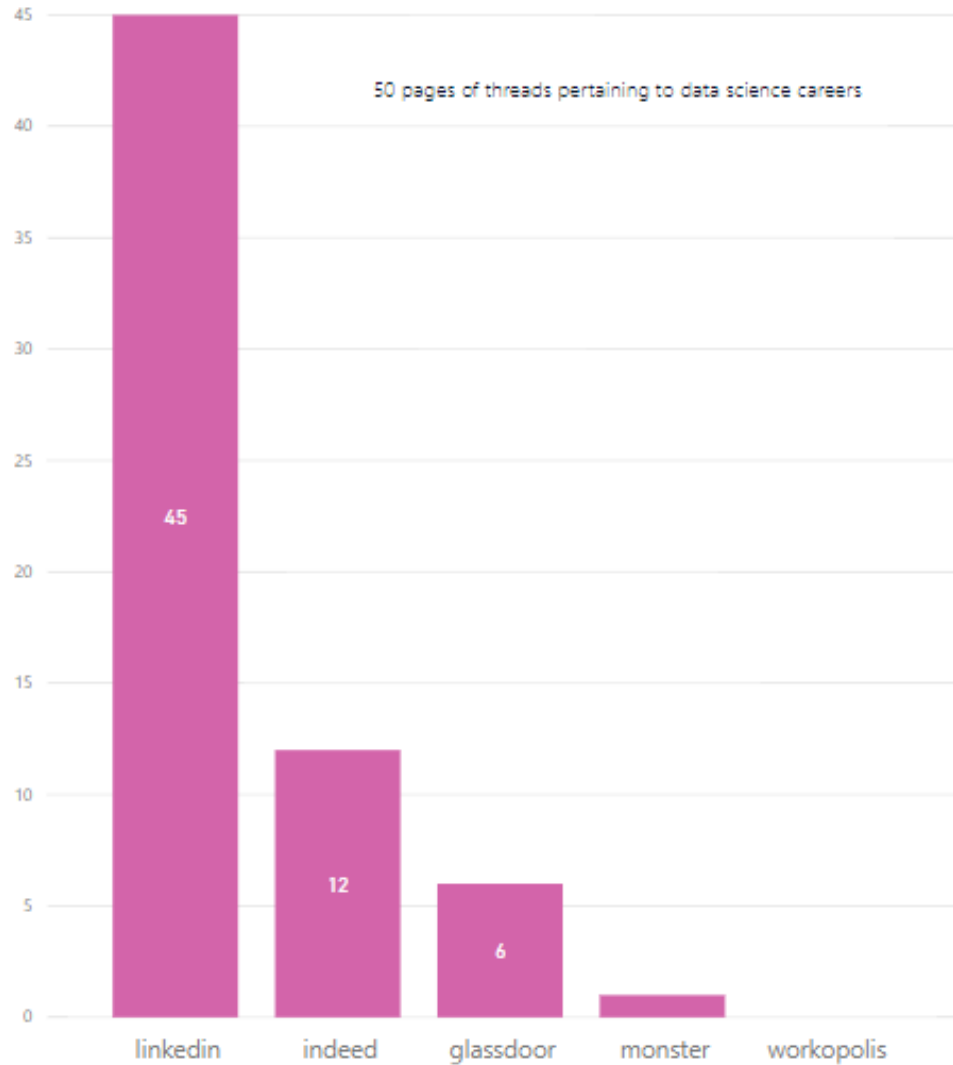
TEAM 5:

Maia Pelletier, Andrew Nagarajah, Somebi Eleh, and Jonathan Boerger

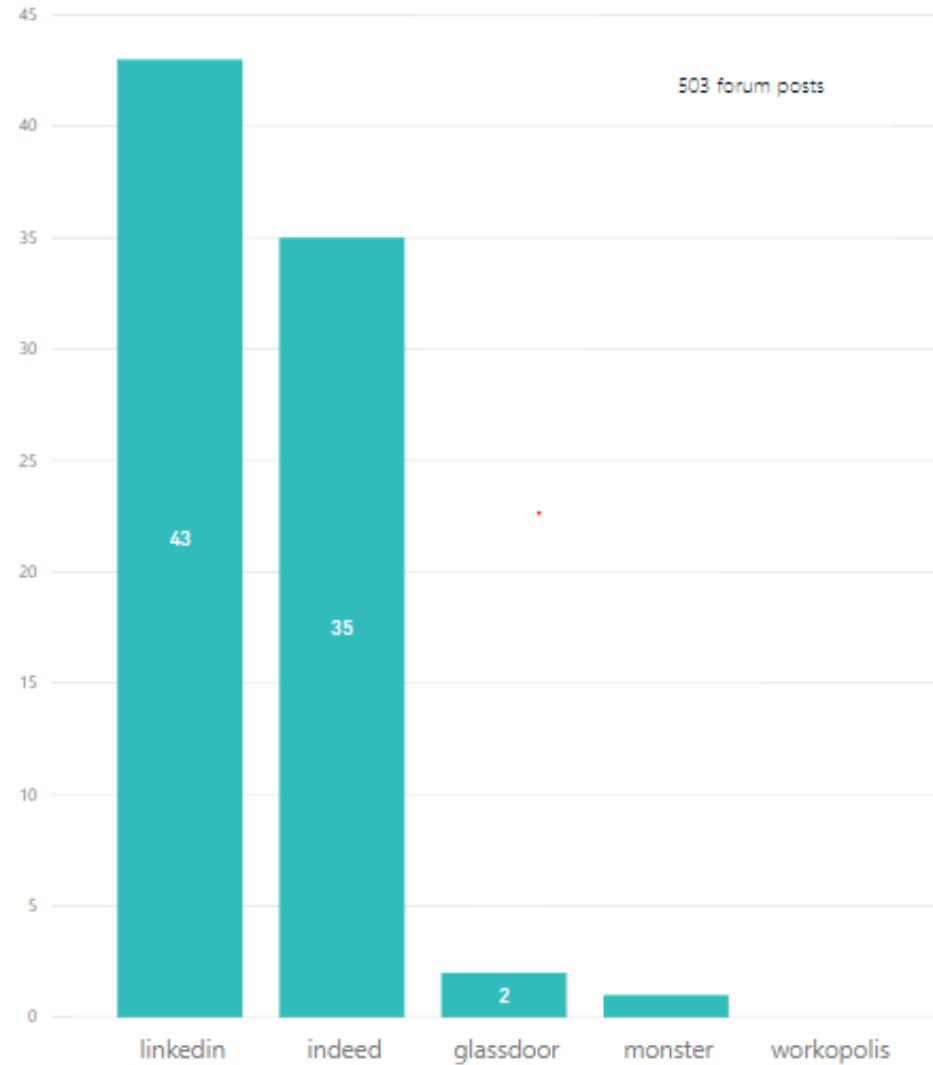


Where are you?

Social media mentions on r/datascience



Social media mentions on datasciencecentral



/r/datascience:

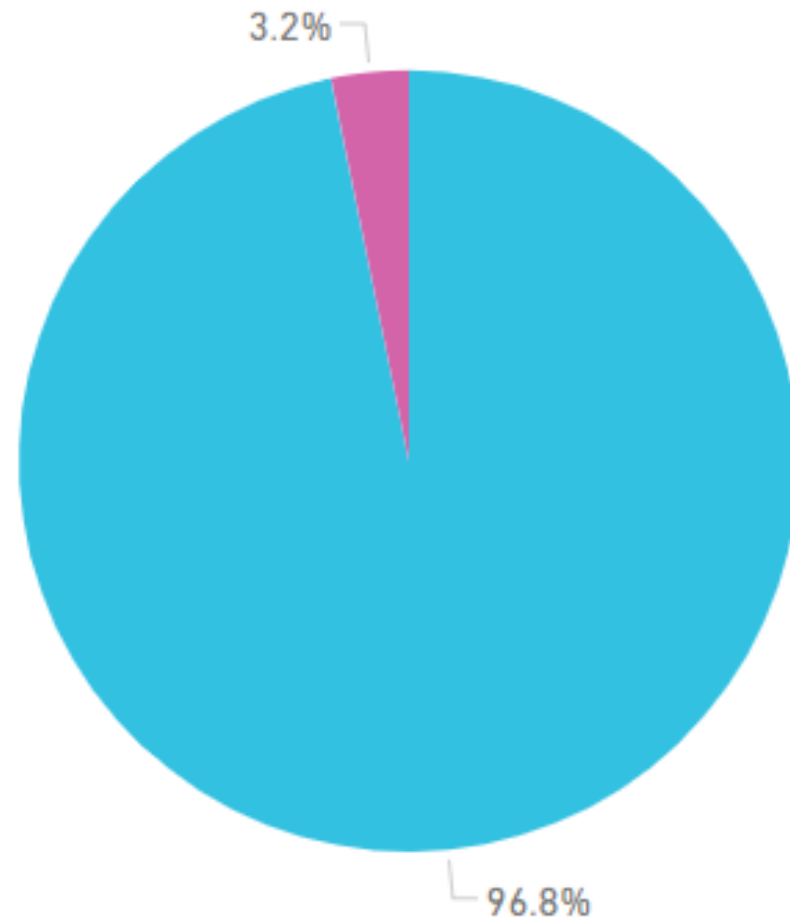
A popular forum for people seeking information about data science

datasciencecentral :

A forum & blog for data science and big data

Private vs. Public job postings on Indeed

- private
- public



Data scraped from 1250
indeed job postings

*notice concentration of
private vs public*

What are they looking for?^[1]

Data representation:
Millennial | Gen Z

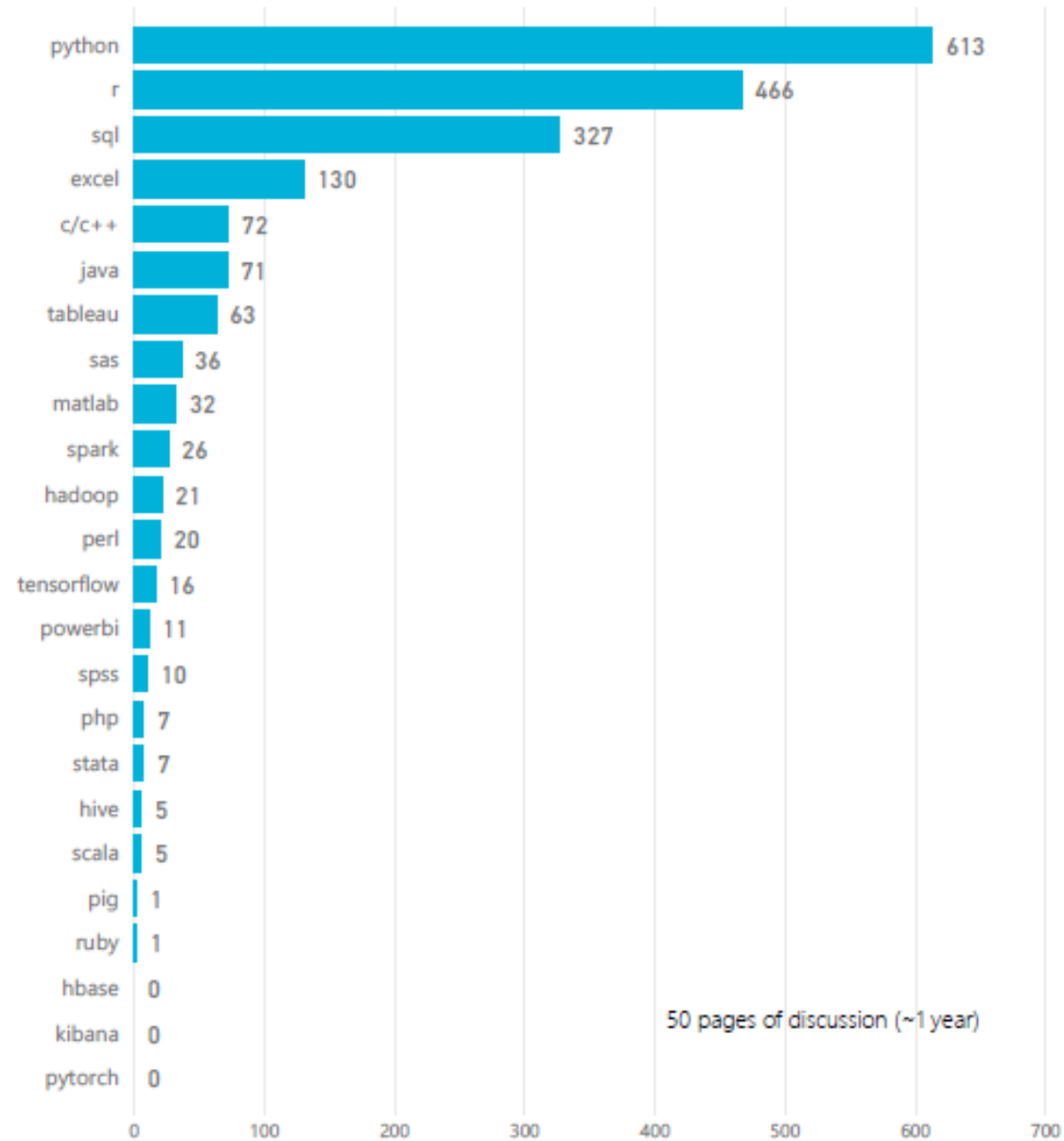
- Top prioritizes for millennials and Gen Z
 - Pay and benefits : 63% | 51%
 - Positive Workplace Culture : 52% | 57%
 - Flexibility: 50% | 44%
 - Learning and development opportunities: 48% | 44%
- Millennials and Gen Z expect professional development and growth opportunities:
 - Expect robust on the job training from employer: 82% | 75%
 - Expect opportunities for continuous professional development & self directed learning: 81% | 75%

[1] <https://www2.deloitte.com/global/en/pages/about-deloitte/articles/millennial-survey-webcast-event-2018.html>

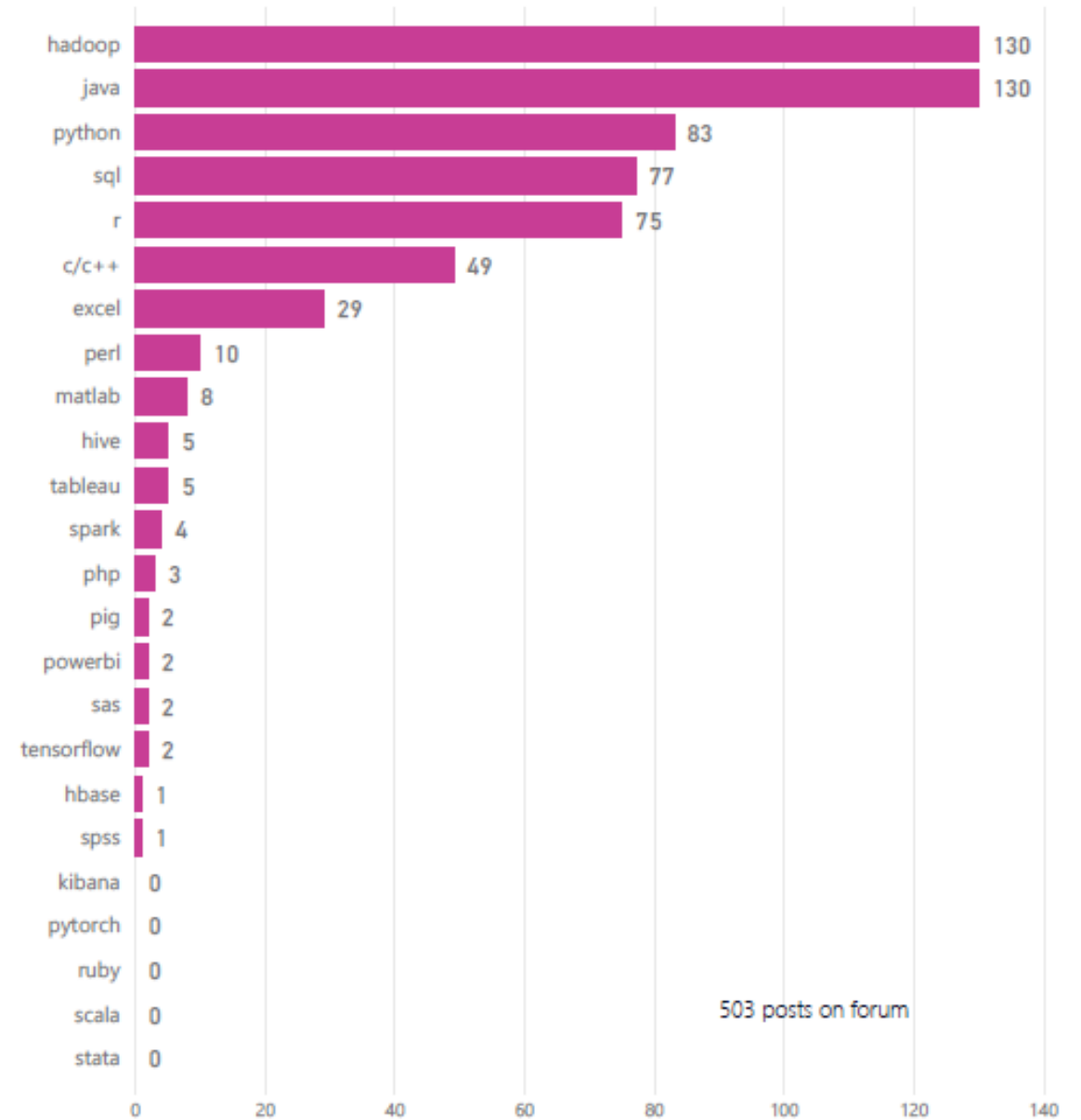


Why are *they* better?

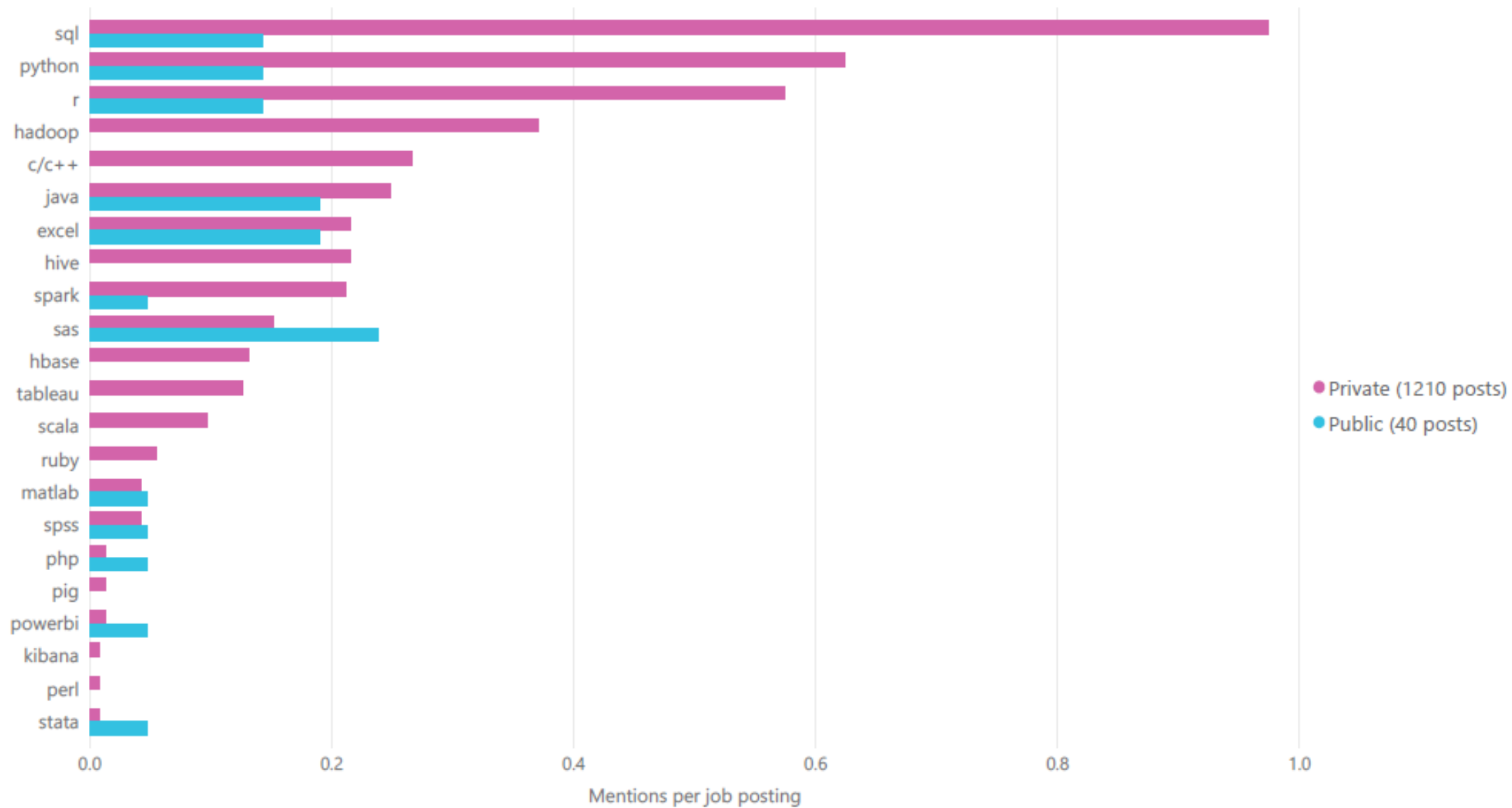
Mentions of language/tech on r/datascience



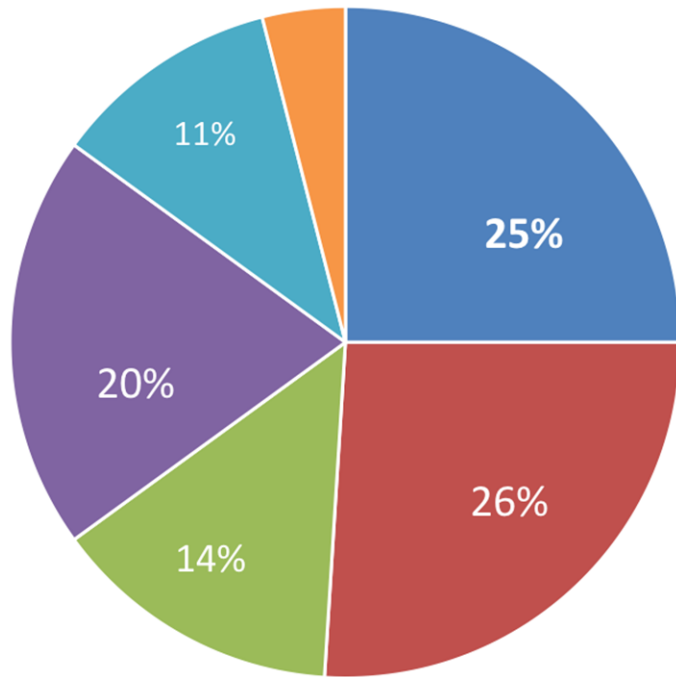
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Private vs. Public: Technology mentions per job posting

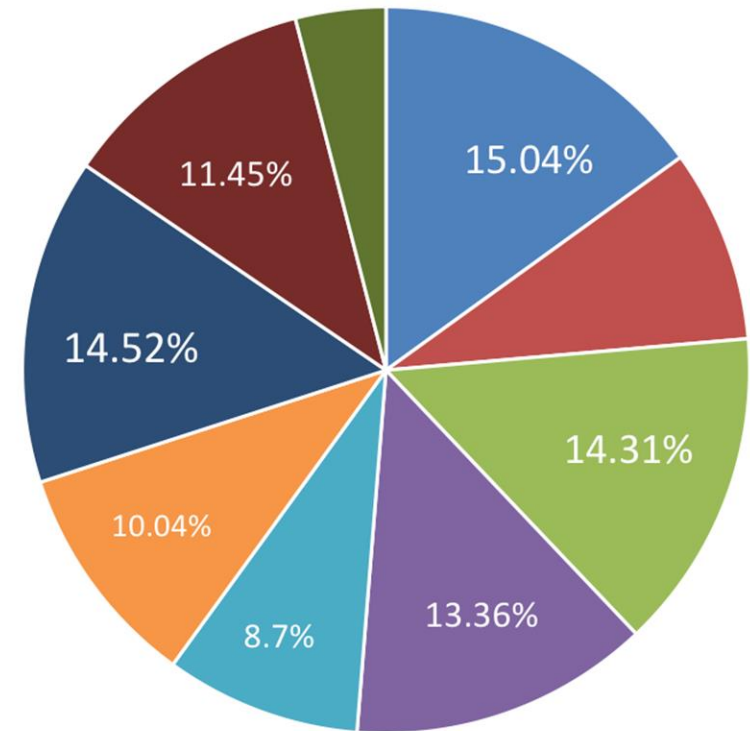


Glassdoor - Student stats



■ Relaxed environment ■ Flexible work hours ■ Good pay ■ Slow work ■ Long bureaucratic procedures ■ Hard to become permanent

Exit interview



■ Under 25 ■ 25-29 ■ 30-34 ■ 35-39 ■ 40-44 ■ 45-49 ■ 50-54 ■ 55 and over ■ I prefer not to say

Students

Young graduates

Government jobs in Ontario make up 20% of jobs

12.8% are people under 25
= 2.56% total

Relaxed & flexible

Good pay with little-no experience

Long bureaucratic processes

Slow and stagnant

Looking for something more fast paced

Personal growth and ambition is prioritized

Higher pay- short term monetary growth

Most people exiting (15%) are under 25 – they're also the least employed

47% left after a year

No incentive to stay?

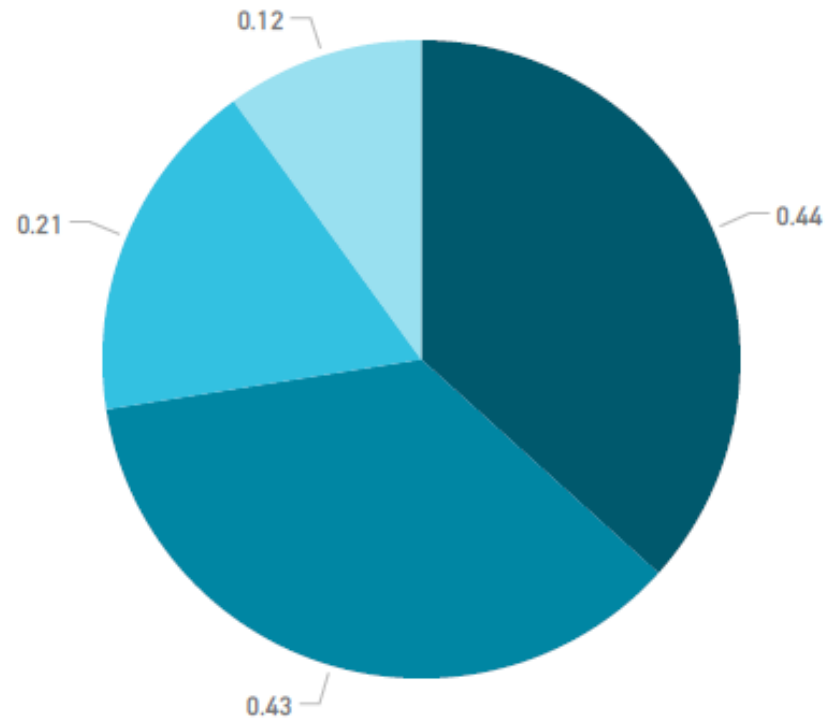
Hard to become permanent?



Why are *we* better?

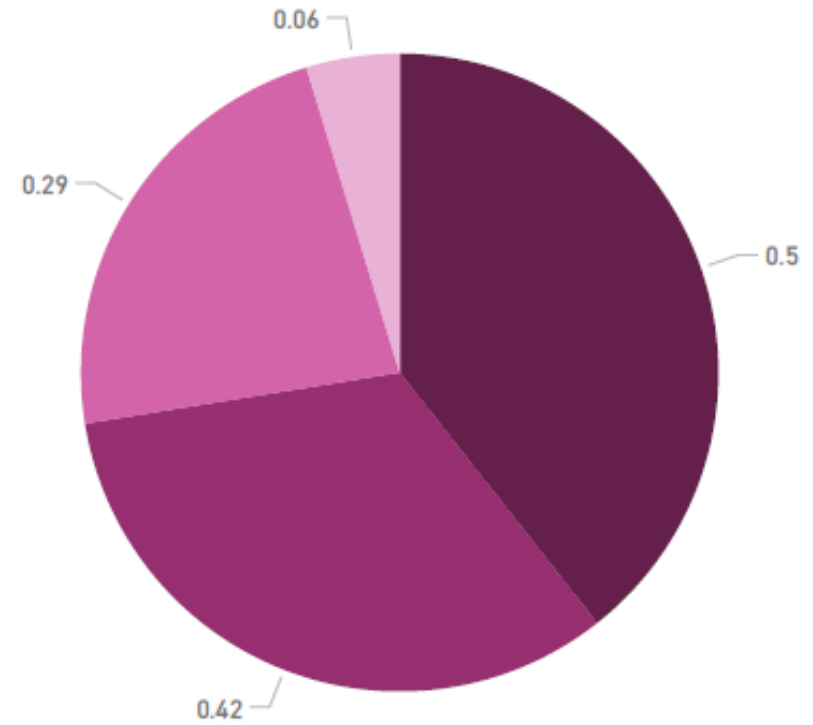
Pros of working at Government of Canada

● Benefits & pension ● Flexibility ● Security ● Good salary



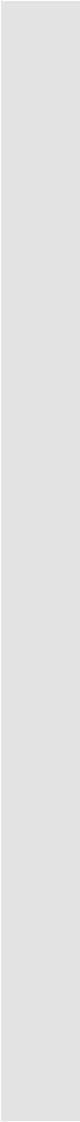

Cons of working at Government of Canada

● Monotonous ● Senior management ● Slow to modernize ● Poor salary



Dynamic Work Environment: Keeping things interesting

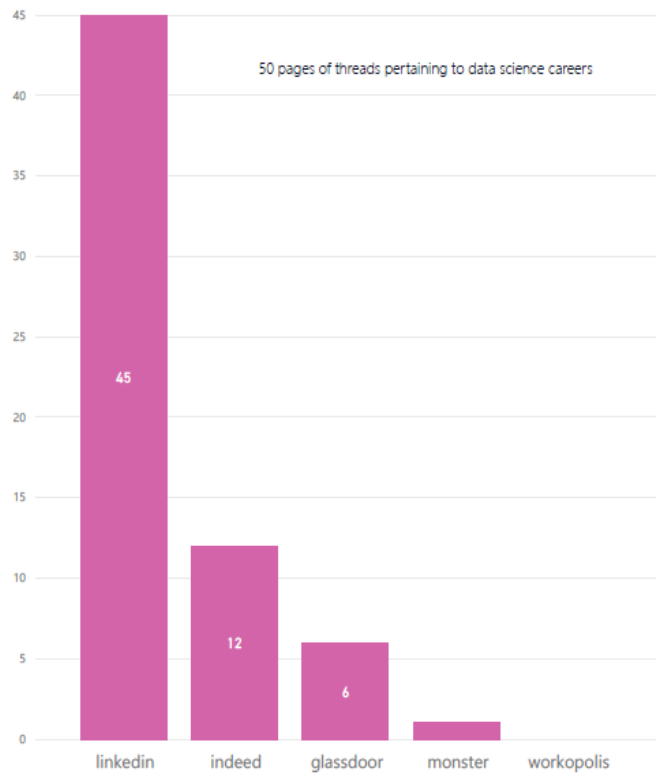
- ICED has a broad mandate -> **various roles** in **multiple environments** even within the same employment category
- You can change your drastically **change your job description** with out ever changing employer (or department)
- Keeps employees **engaged** by providing **variety**
- Enables public servants to pursue new and exciting **opportunities, challenges** and **advancement**



What do we need to
do?

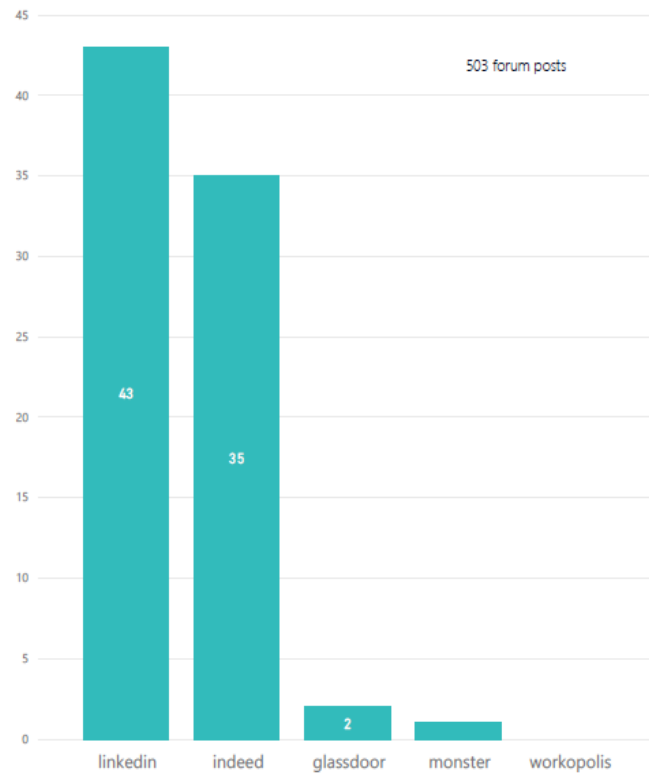
Social media mentions on r/datascience

50 pages of threads pertaining to data science careers



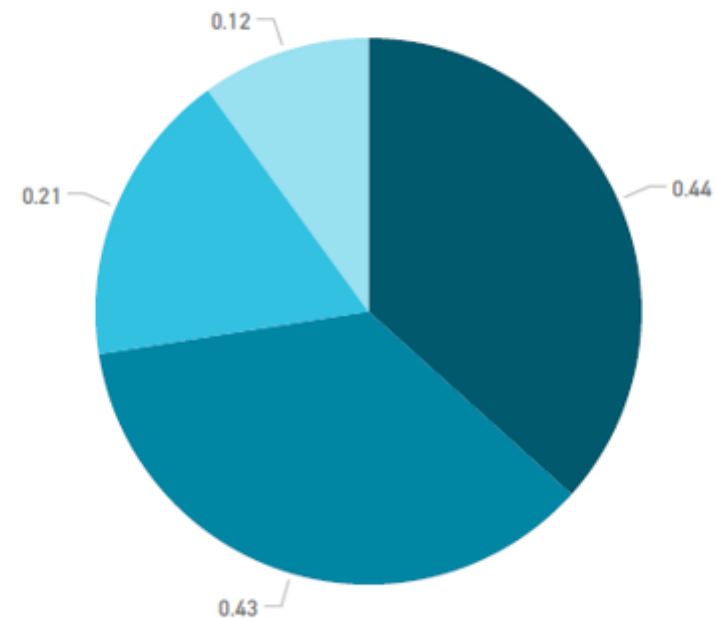
Social media mentions on datasciencecentral

503 forum posts



Pros of working at Government of Canada

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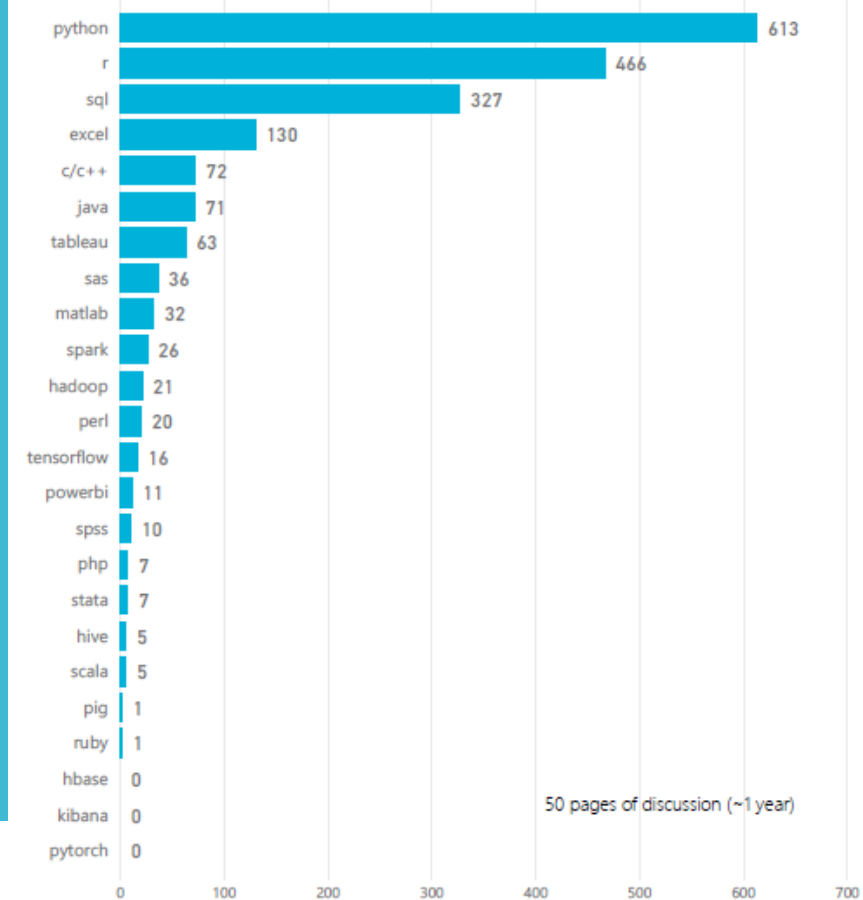




Cons of working at Government of Canada

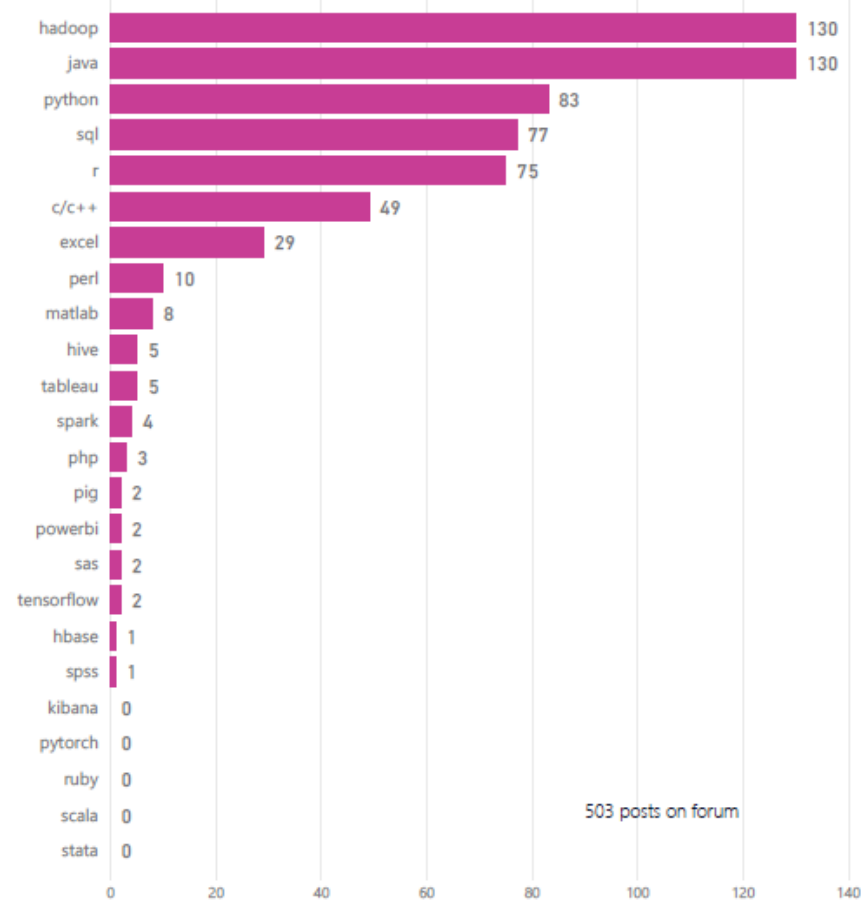
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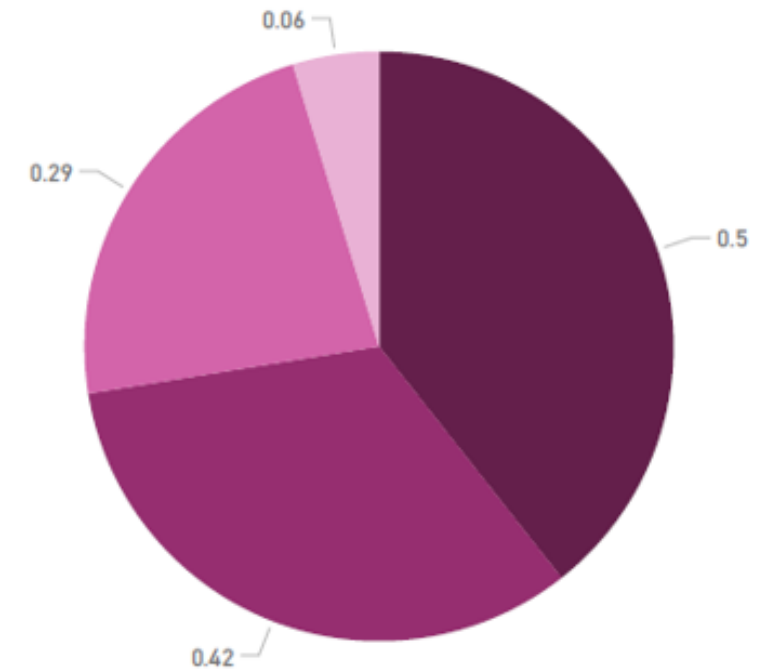


50 pages of discussion (~1 year)

Mentions of language/tech on datasciencecentral



503 posts on forum



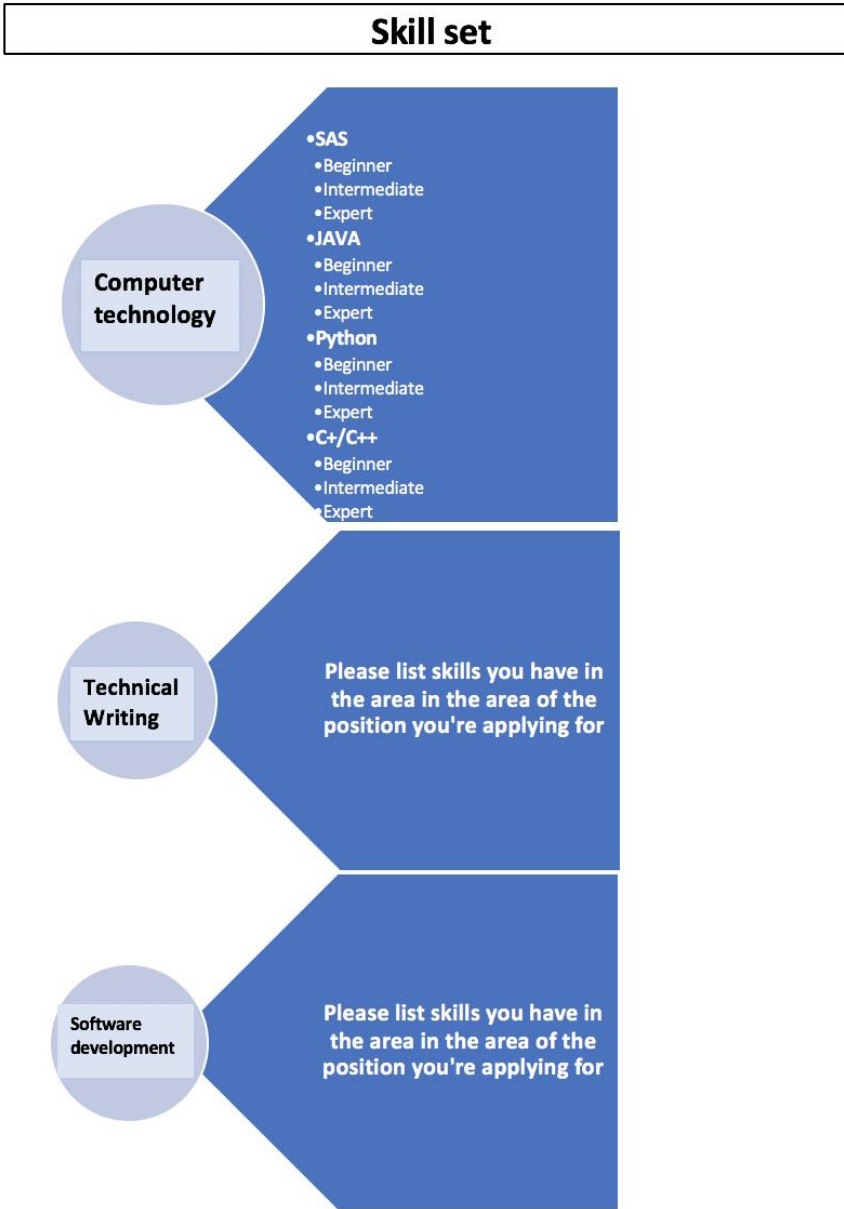
Mindset Change: Market yourself to Canadians

- What you asked at the beginning:
Why are there not 5000 Canadians apply for this job.
- What you should be asking:
Why **should** 5000 Canadians apply for this job?
 - What makes ICED/Public Service a great place to work?
Many things, but Canadians **need to told**

Help up help you!

Make resume building easier
for young adults!

Screening process





Thank you!