HackerRank Dataset

Data Manipulation Technique

Kostiantyn Reva

Intro

- Description: **Survey of 25,000 professionals and students on the state of developer skills**
- Tags: demographics, survey analysis, HackerRank, software developers
- Reference: kaggle.com/hackerrank/developer-survey-2018
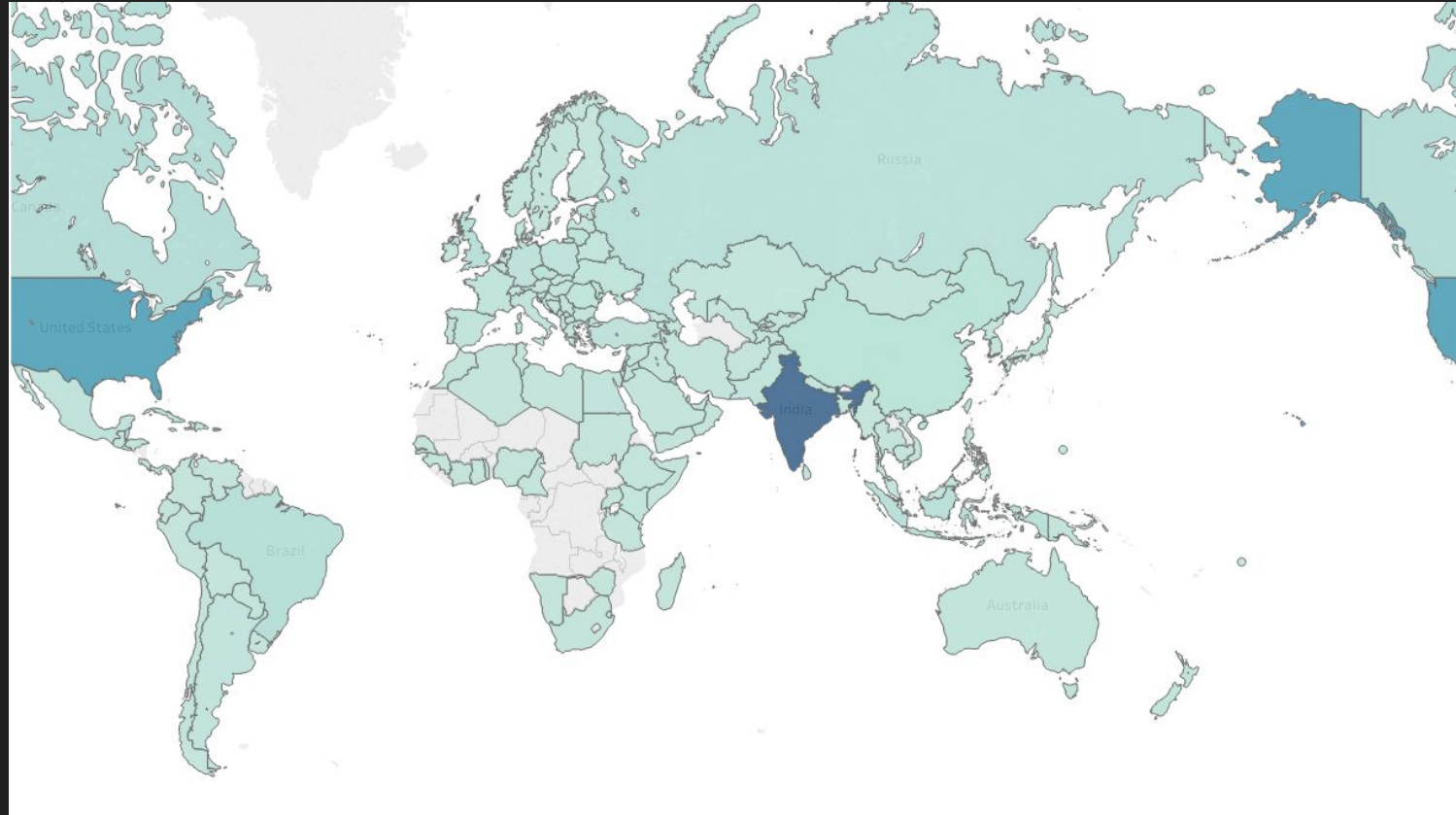
HackerRank Dataset

Date Range: 2017/10/16 – 2017/10/31

Observations	25090
Variables	251
File Size	79MB

Base Fields

RespondentID	NUM
StartDate	DATETIME
EndDate	DATETIME
CountryNumeric2	CHAR

Survey questions (247)

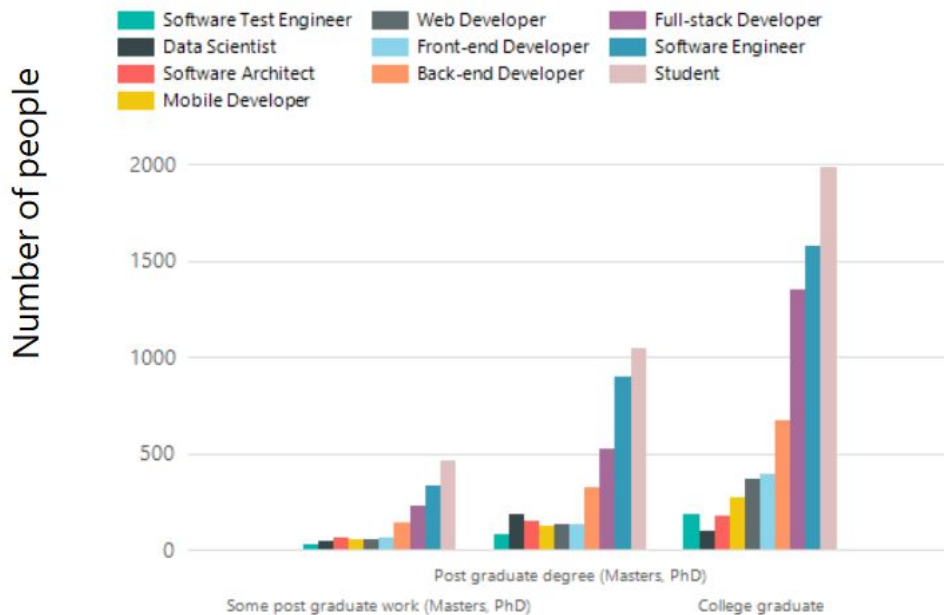|	
q1AgeBeginCoding	CHAR
q2Age	CHAR
q3Gender	CHAR
q6LearnCodeUni	CHAR
q6LearnCodeSelfTaught	CHAR

Questions

- Covered countries
- Number of developers per country per industry
- Current age of developers
- Distribution of some popular languages
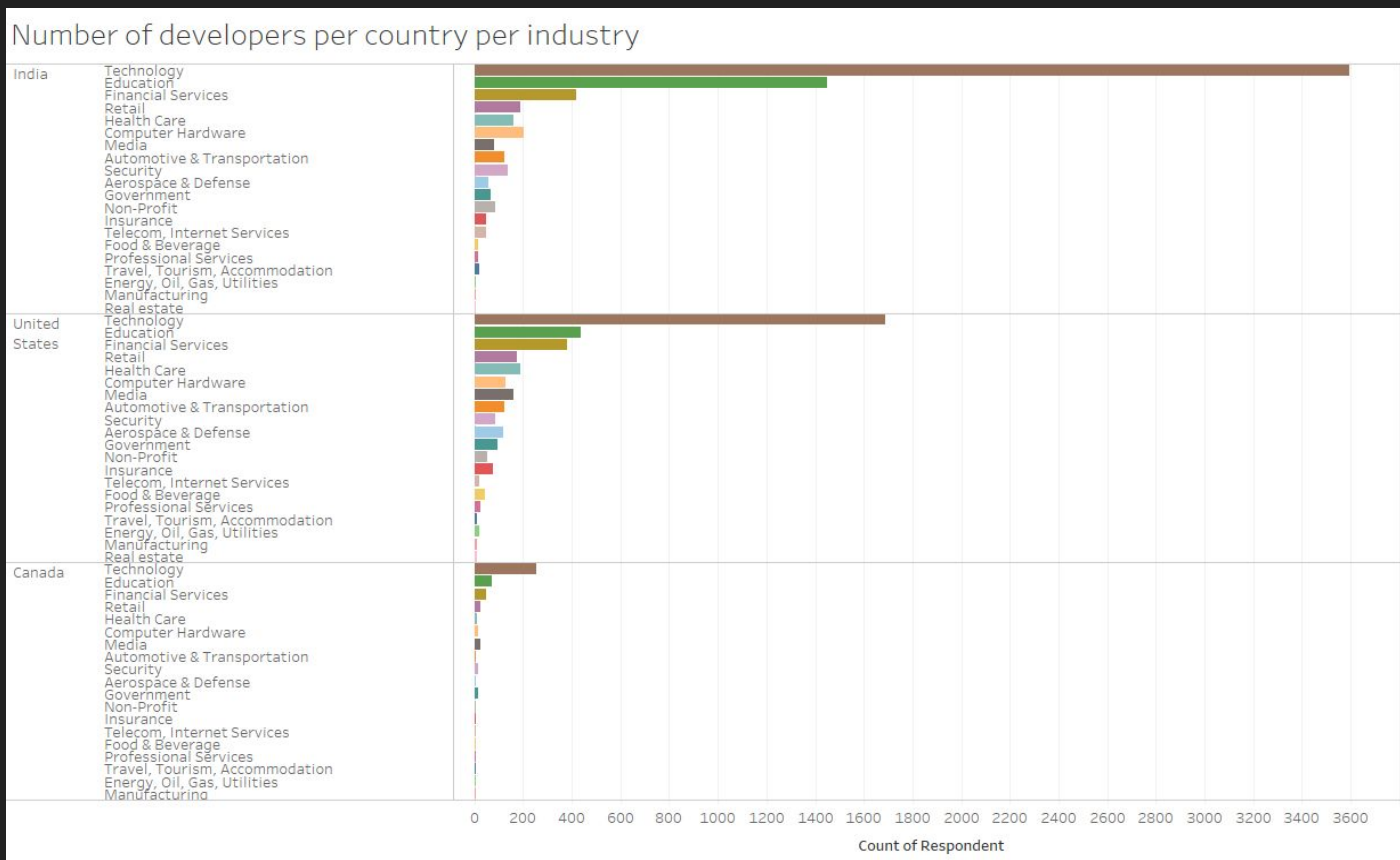
Countries that were covered by the survey

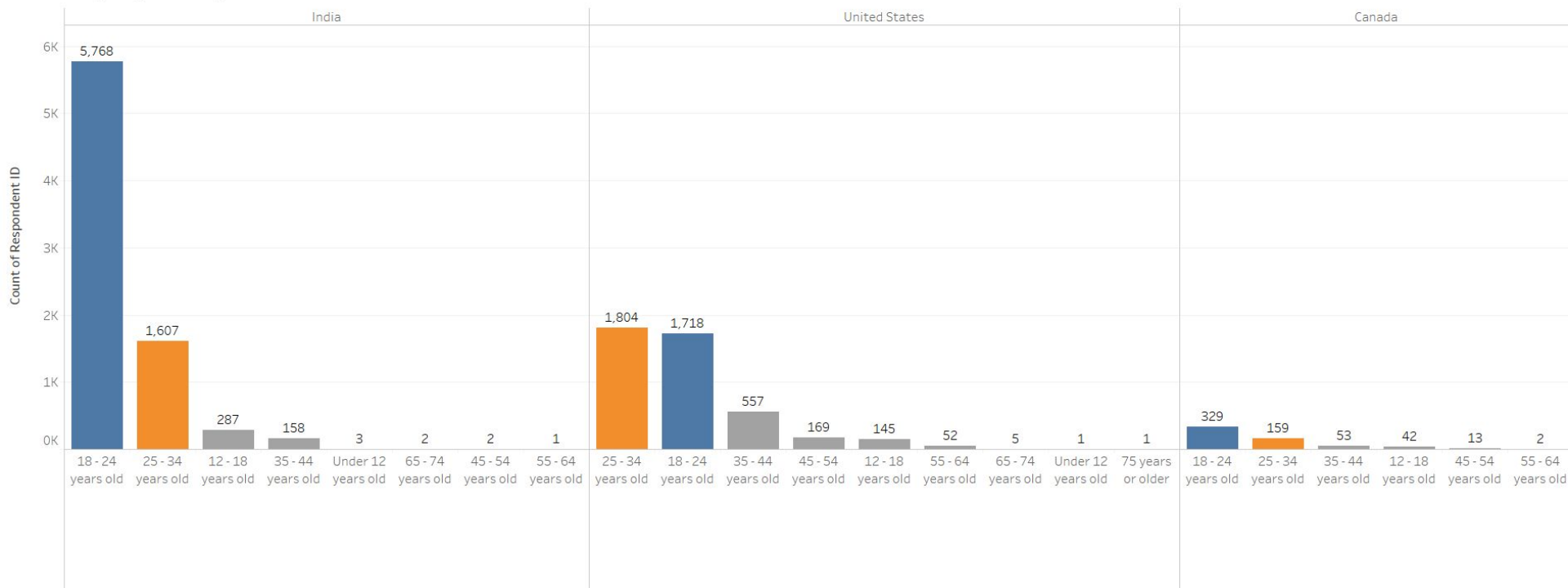# Top 3 education category

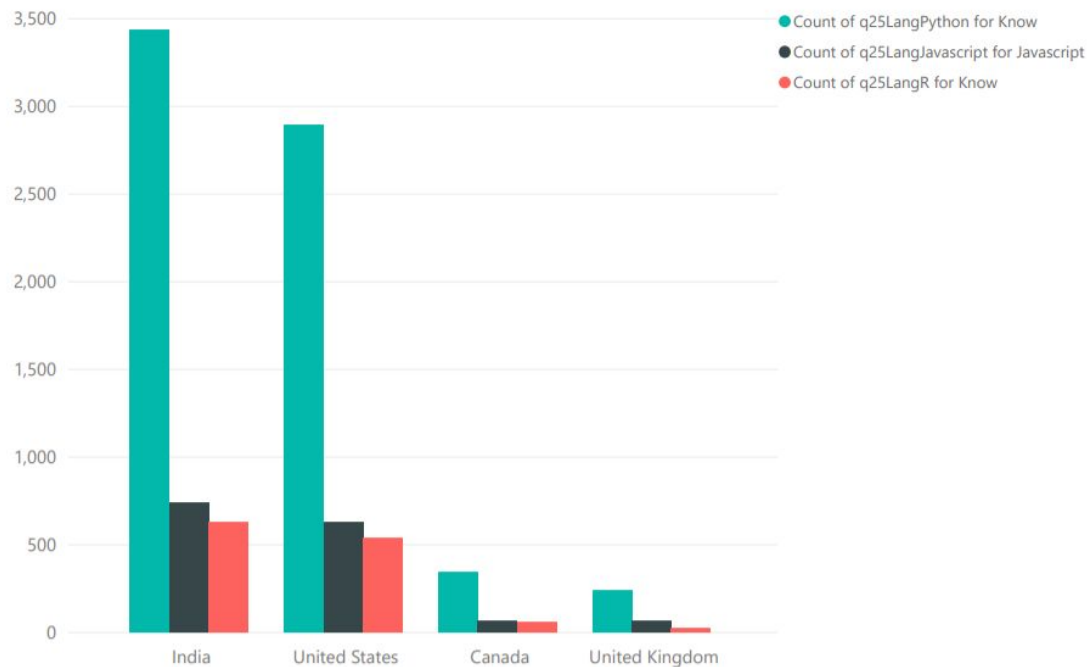# Number of developers per country per industry

Current age by country

Current age by country

Python vs JavaScript vs R

Summary

- Most developers who participate the survey from India
- Most of them are students or beginner developers
- Most of them work in Technology/Education industry
- They are young: 18-34 categories cover most responses

- This survey highly likely does not represent real distribution of developers
- Seems it's more about newbies/student distribution and their preferences

Questions