HackerRank Dataset

Data Manipulation Technique

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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

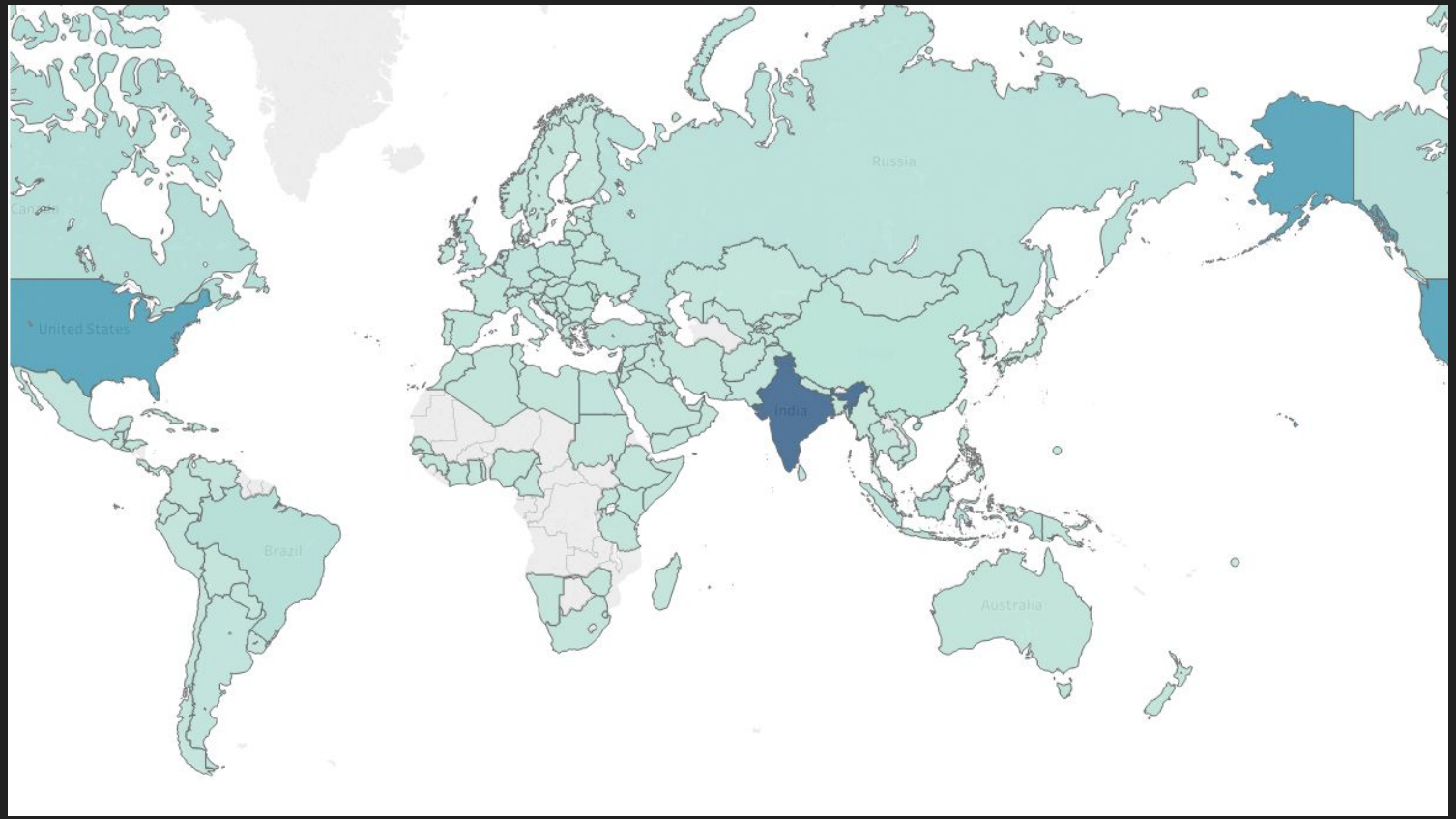
Survey questions (247)

q1AgeBeginCoding	CHAR
q2Age	CHAR
q3Gender	CHAR
q6LearnCodeUni	CHAR
q6LearnCodeSelfTaught	CHAR

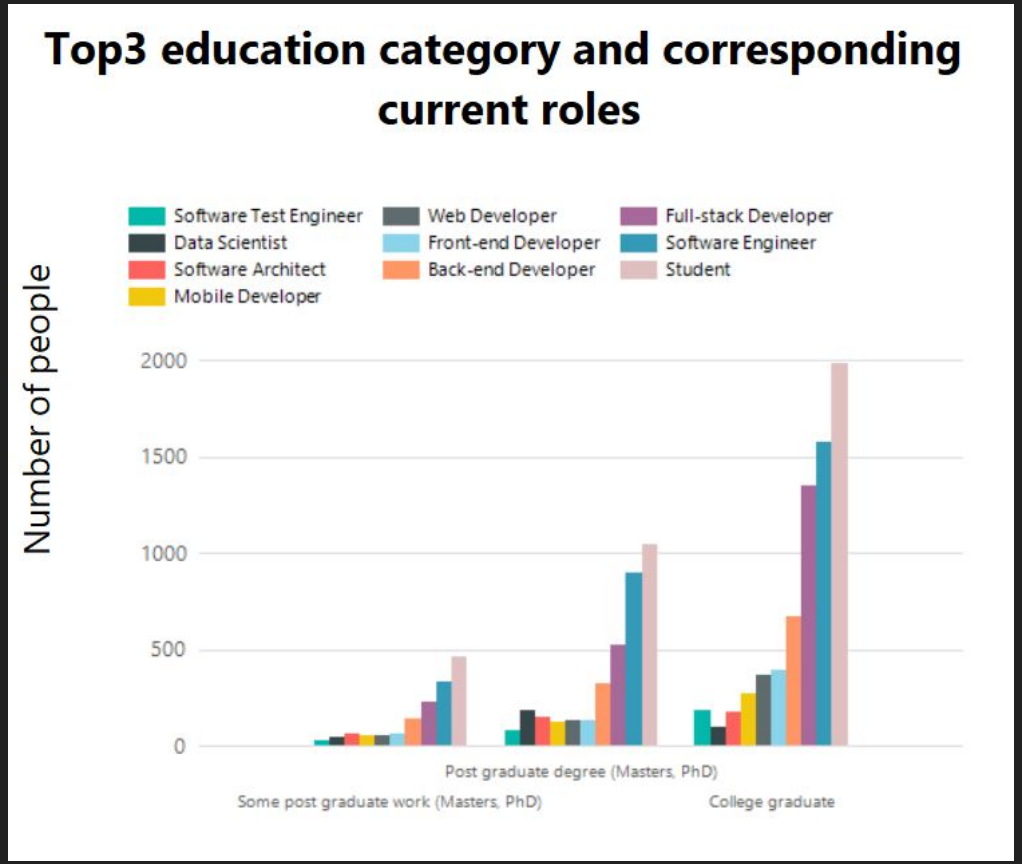
Questions

- Covered countries
- Number of developers per country per industry
- Current age of developers
- Distribution of some popular languages

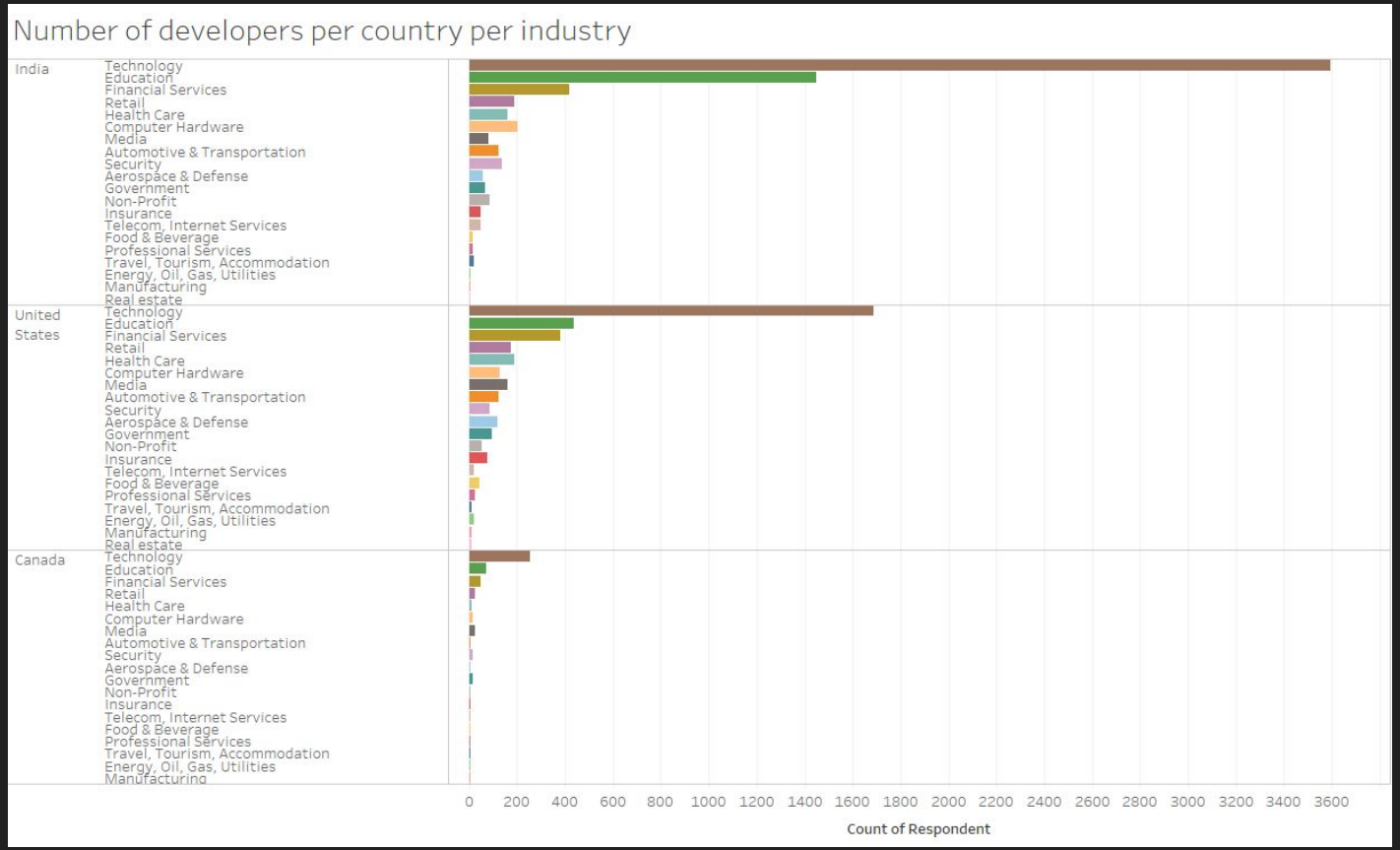
Countries that were covered by the survey



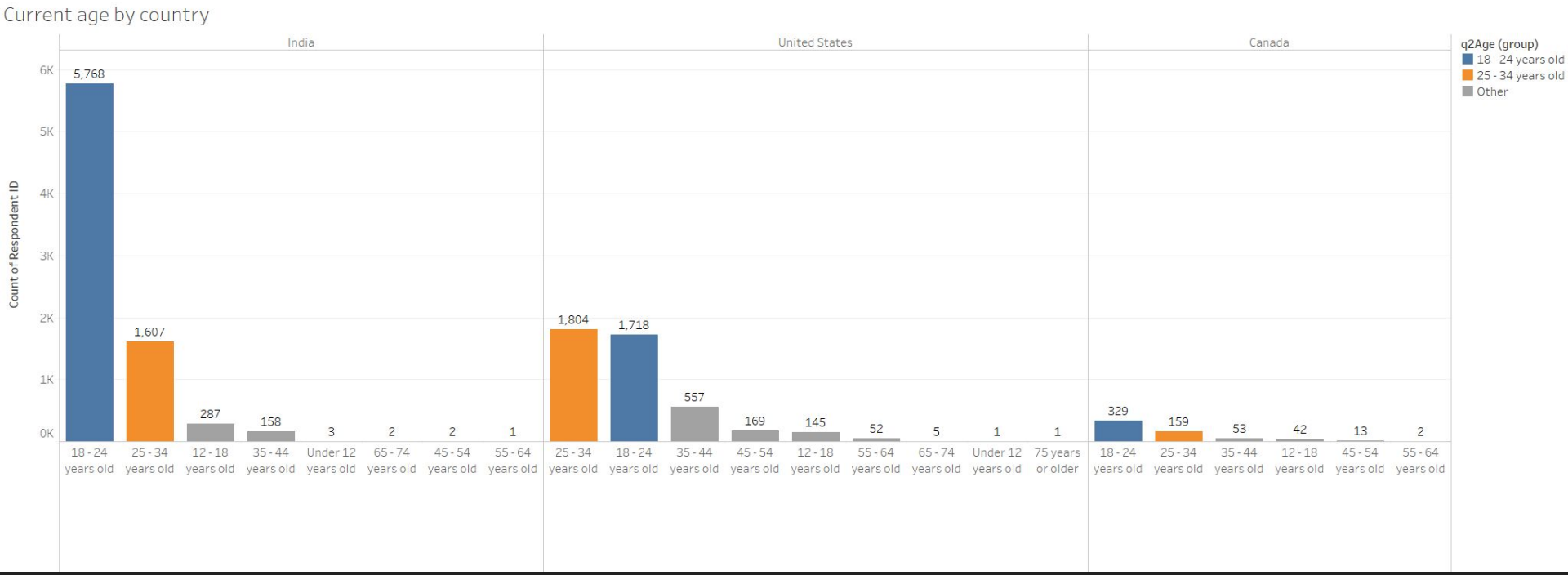
Top 3 education category



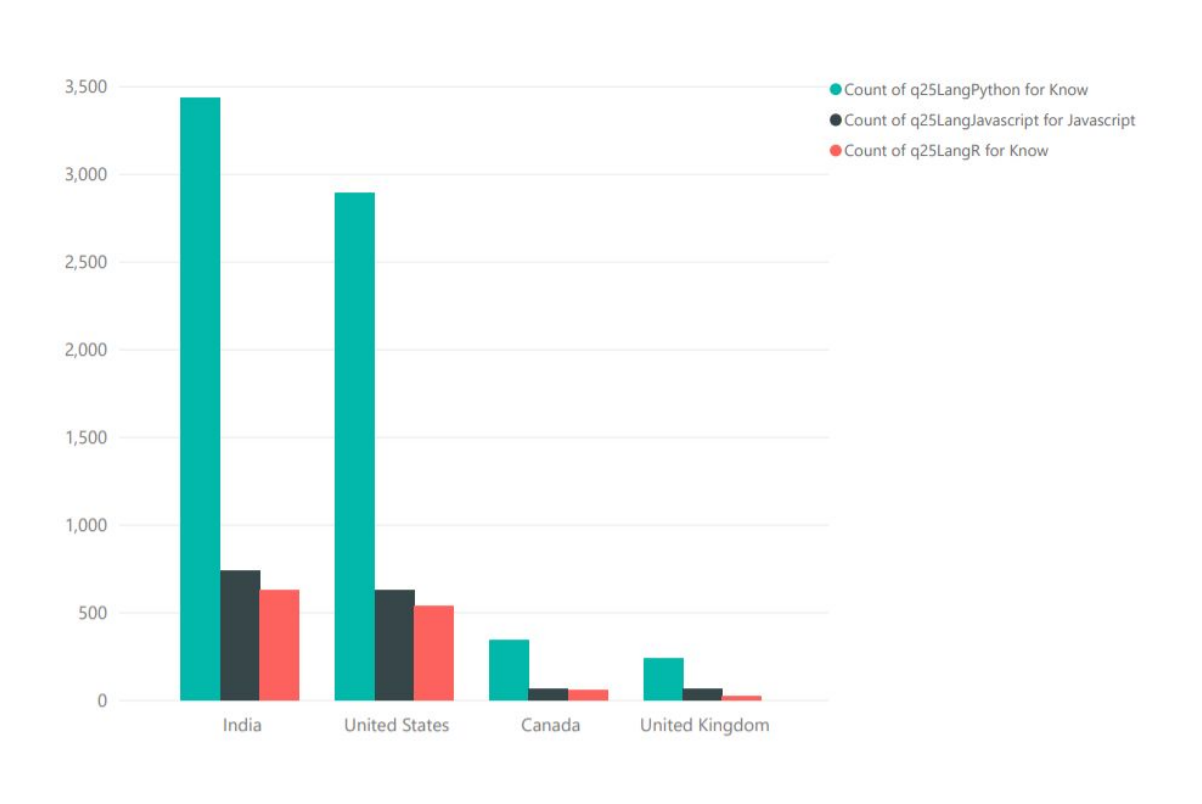
Number of developers per country per industry



Current age by country



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