INVESTMENT ASSIGNMENT

SUBMISSION

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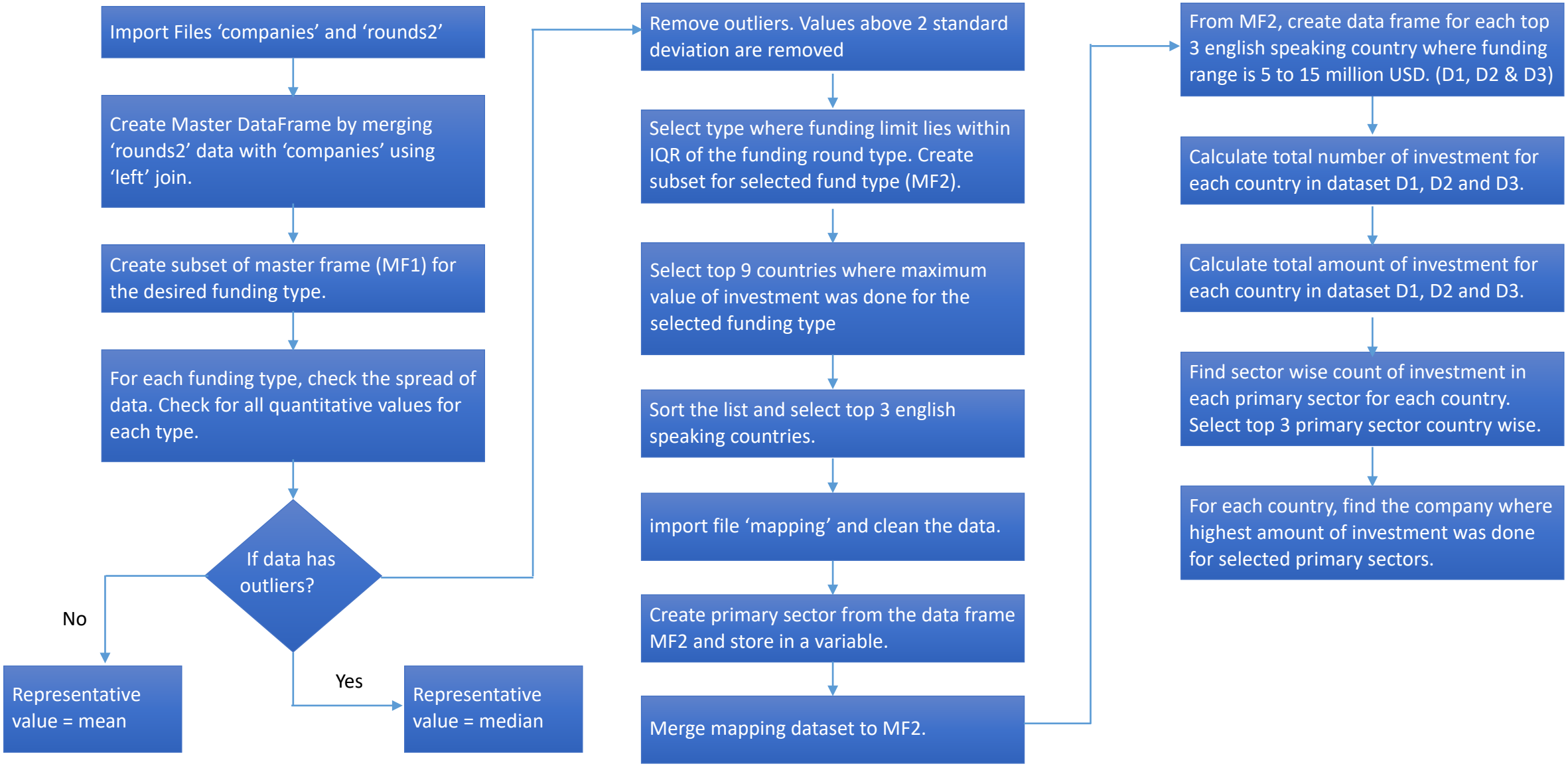
Abstract

- Problem Solving Methodology.
- Initial Analysis
- Selecting funding type.
- Country-wise analysis.
- Sector-wise investment analysis for selected country.
- Plots
- Conclusions

Problem solving methodology



Initial Analysis

Number of companies basic data available

66368

Number of companies participated in funding rounds

66368

Selecting funding type

Funding Types
Inter Quartile Range

- Type - Seed
  52K - 975K USD
- Type - Venture
  1.6M - 12M USD
- Type - Private Equity
  5M - 70M USD
- Type - Angel
  150K - 1M USD

Lies within the range

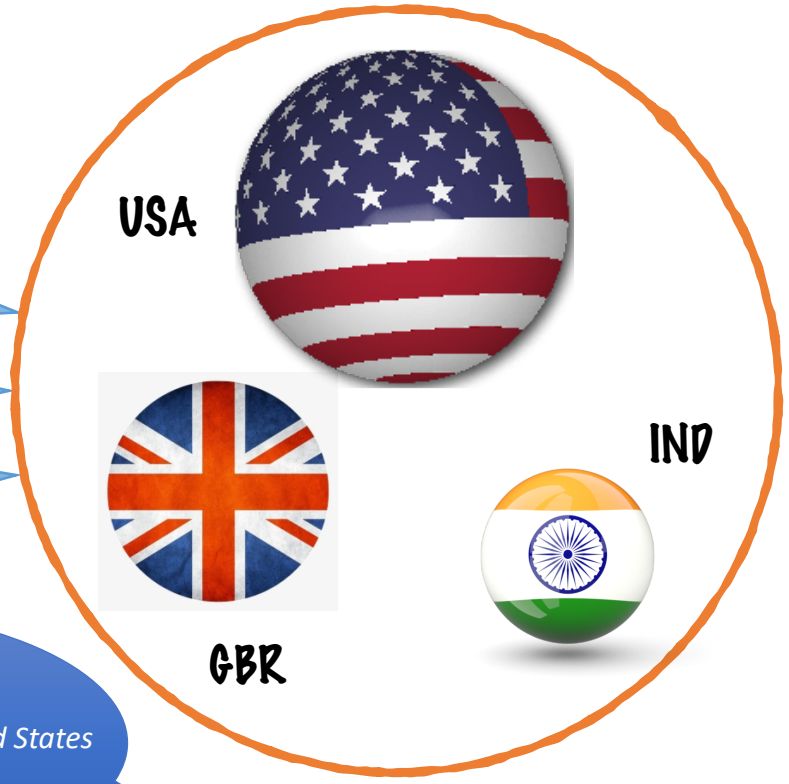
Sparks Funds Investment Range

For the investment range of Sparks Funds, most suitable type of investment is Private Equity.

Country wise analysis

Top 9 countries for PE funding type

Country	Raised Amount (USD)
USA	5.700804E+10
CHN	4.165188E+09
GBR	3.945833E+09
IND	3.670512E+09
CAN	2.993348E+09
DEU	1.556233E+09
RUS	1.436000E+09
SGP	1.042105E+09
BRA	9.927267E+08



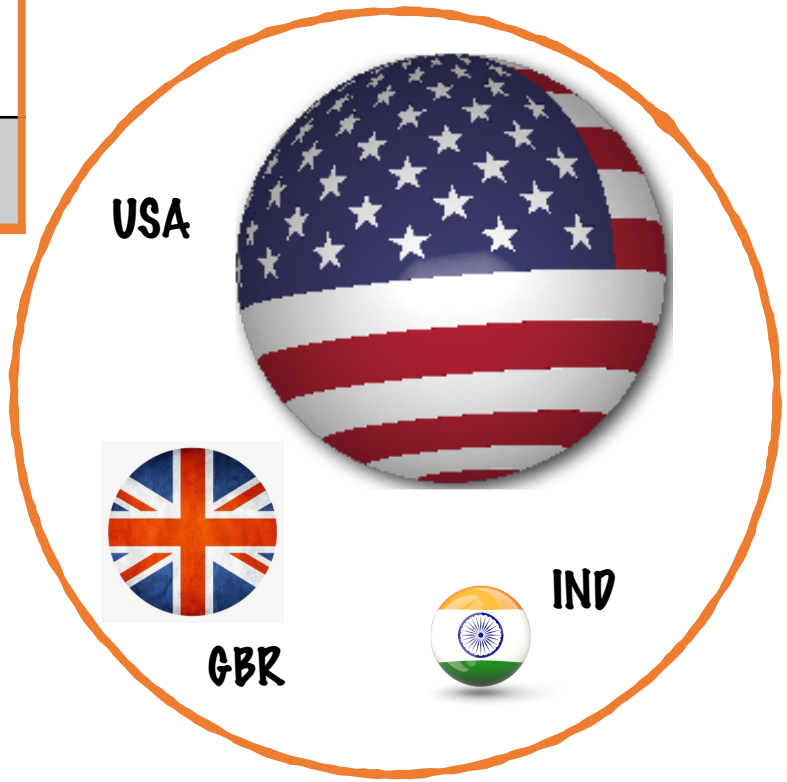
Top 3 English speaking countries based on amount invested are United States of America, Great Britain and India

Sector Analysis

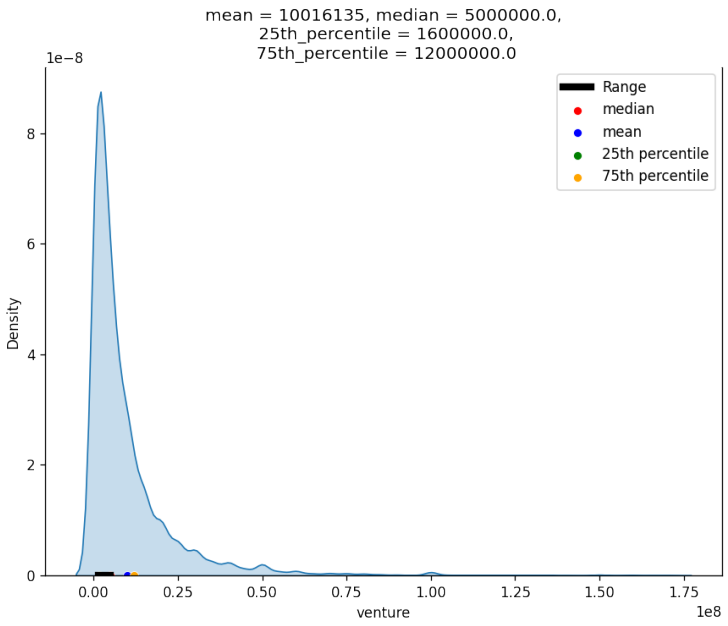
Count of investment within 5-15M USD

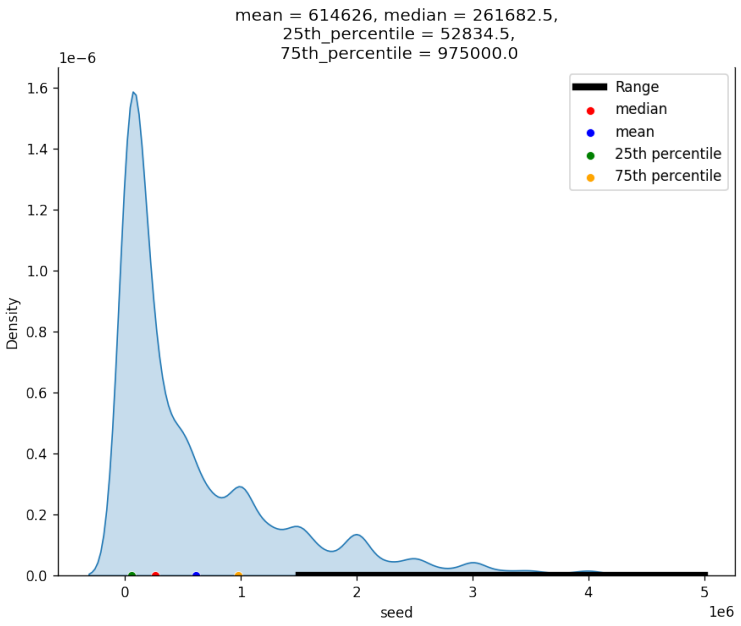
Country	Count of Investment	Top Sector	Second Sector	Third Sector
USA	284	Cleantech / Semiconductors	Others	Health
GBR	12	Social, Finance, Analytics, Advertising	Manufacturing	Others
IND	3	Entertainment	Others	Cleantech / Semiconductors

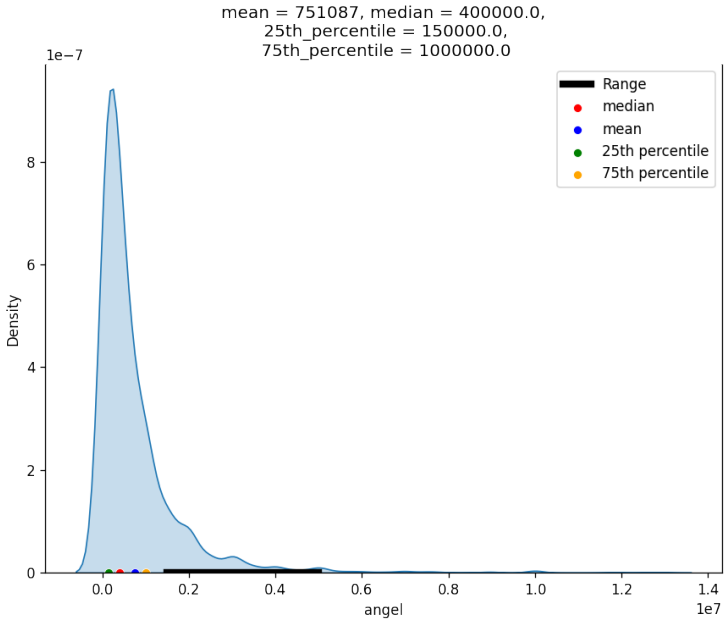
In top 3 English speaking countries, USA has maximum number of investment, followed by GBR and IND. All these are within 5-15 million USD.

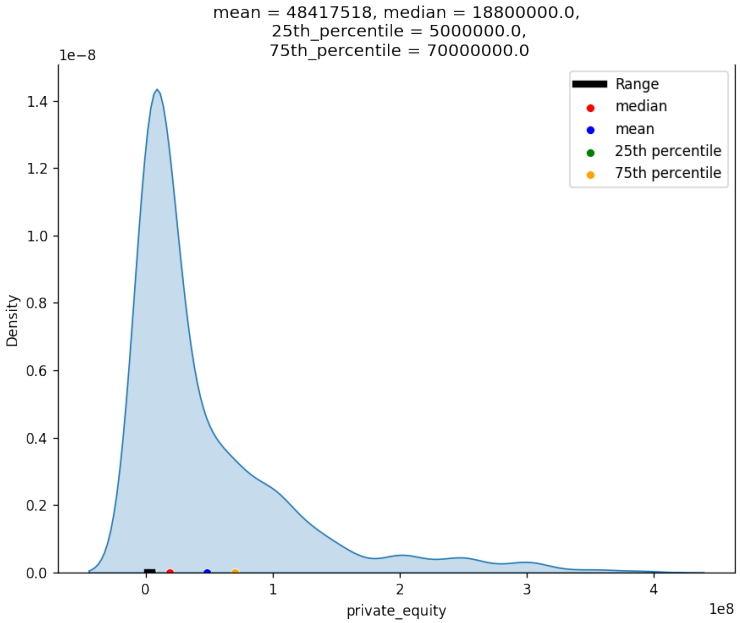


Distribution plots for each investment types

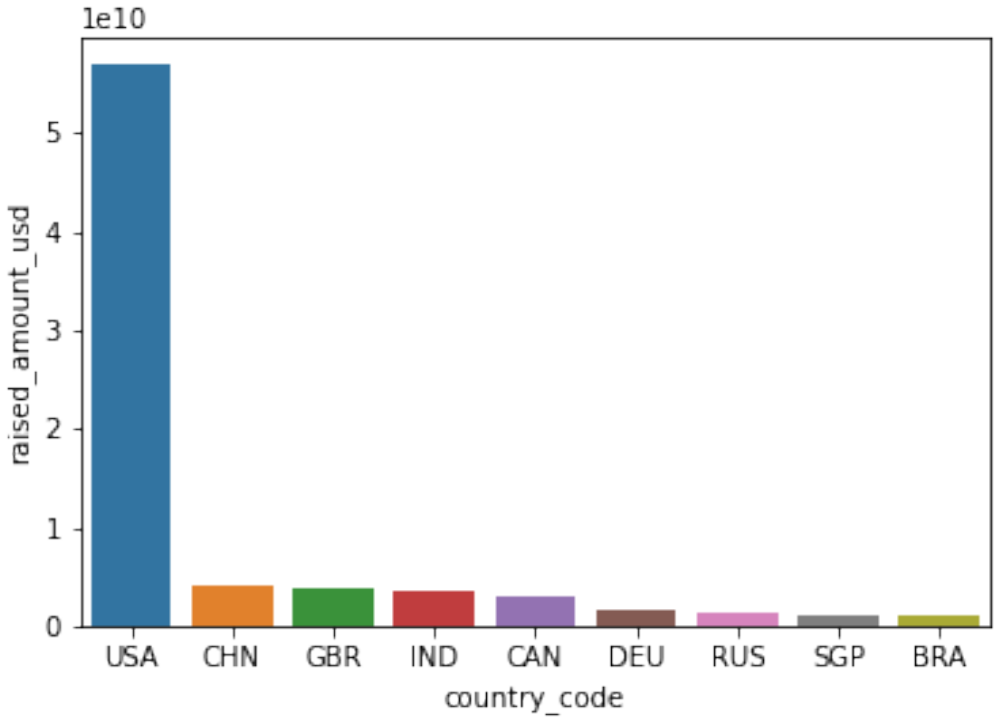




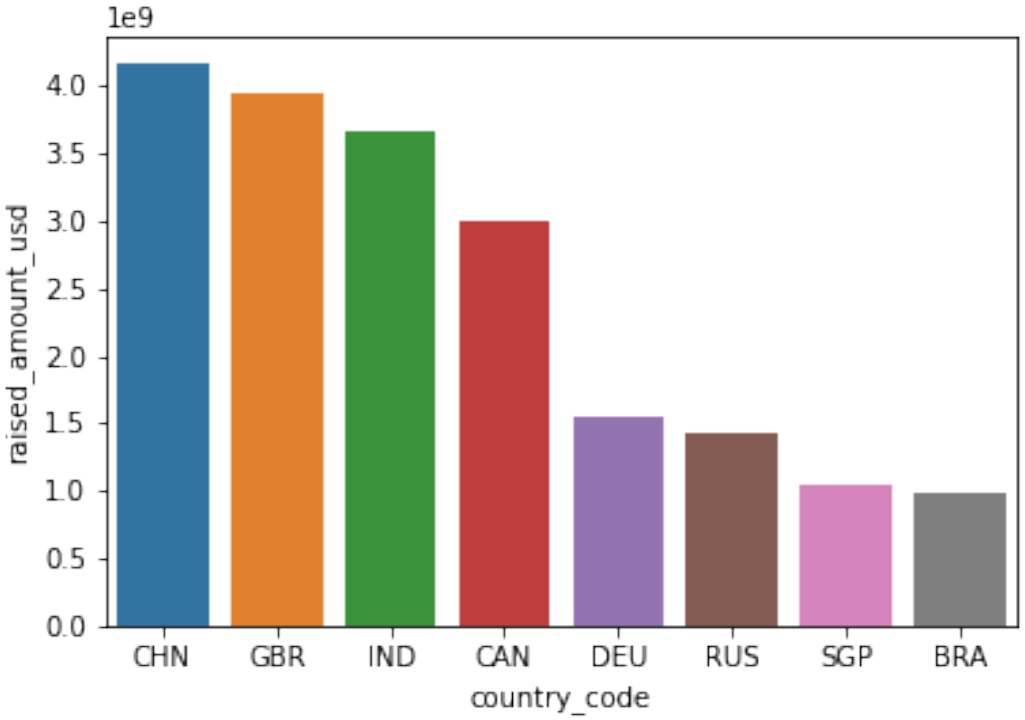




Top Countries for Investment type ‘Private Equity’

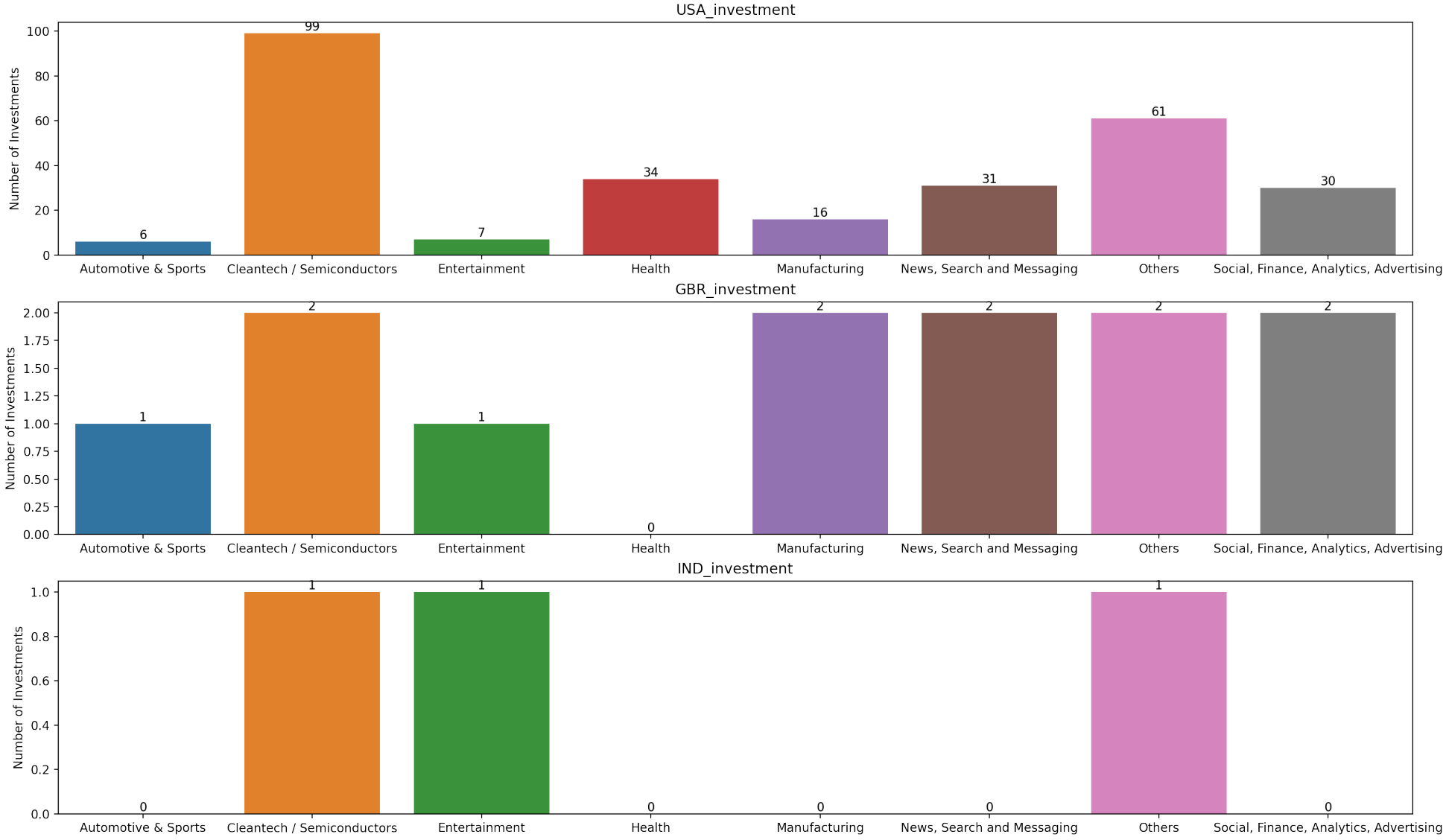


Including USA



Excluding USA

Sector wise distribution for each country



Conclusions

- For the investment range of 5-15 million USD, private equity will be the most preferred funding type.
- Based on the preference for english speaking countries, USA, Great Britain and India are the most suitable countries for investment.
- Most preferred sectors for investment are Cleantech/Semiconductors, Health, Manufacturing, ‘Social, Finance, Analytics, Advertising’ and Others.