

INVESTMENT ASSIGNMENT

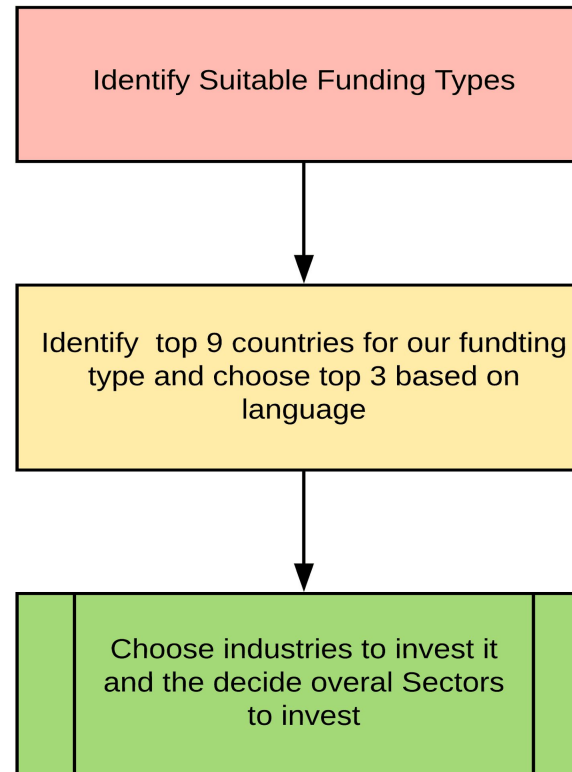
SUBMISSION

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Identifying Investment opportunity for Spark Funds

A Detail Analysis on which country, funding type and Sectors are most suitable to invest for Spark fund. The report is consists of 3 main steps of identifying funding types, Identifying countries to invest and then select suitable sectors to invest in those countries

Steps for our Analysis



Funding Types for 5 to 15 Million range

funding_round_type		
angel	958694.46975	959 Thousand
convertible_note	1453438.54319	1 Million
debt_financing	17043526.02305	17 Million
equity_crowdfunding	538368.21091	538 Thousand
grant	4300576.33945	4 Million
non_equity_assistance	411203.05479	411 Thousand
post_ipo_debt	168704571.82237	169 Million
post_ipo_equity	82182493.87102	82 Million
private_equity	73308593.02944	73 Million
product_crowdfunding	1363131.06995	1 Million
secondary_market	79649630.10000	80 Million
seed	719817.99691	720 Thousand
undisclosed	19242370.22566	19 Million
venture	11748949.12949	12 Million

- Top Four Preferred Funding types; Venture, Angel, Seed, Private Equity
- Our investment amount per round is between 5 to 15 million USD
- Clearly Venture type is most suitable FT for us.

<Analysis>

Top Countries having highest Venture investments

country_code	raised_amount_usd	raised_amount
USA	422510842796.00000	423 Billion
CHN	39835418773.00000	40 Billion
GBR	20245627416.00000	20 Billion
IND	14391858718.00000	14 Billion
CAN	9583332317.00000	10 Billion
FRA	7259536732.00000	7 Billion
ISR	6907514579.00000	7 Billion
DEU	6346959822.00000	6 Billion
JPN	3363676611.00000	3 Billion

Asides are the top 9 Countries which have highest amount of investments in venture type FT.

Our goal is to find 3 Countries and based on condition that English should be primary language.

Countries Spark funds should consider investing:

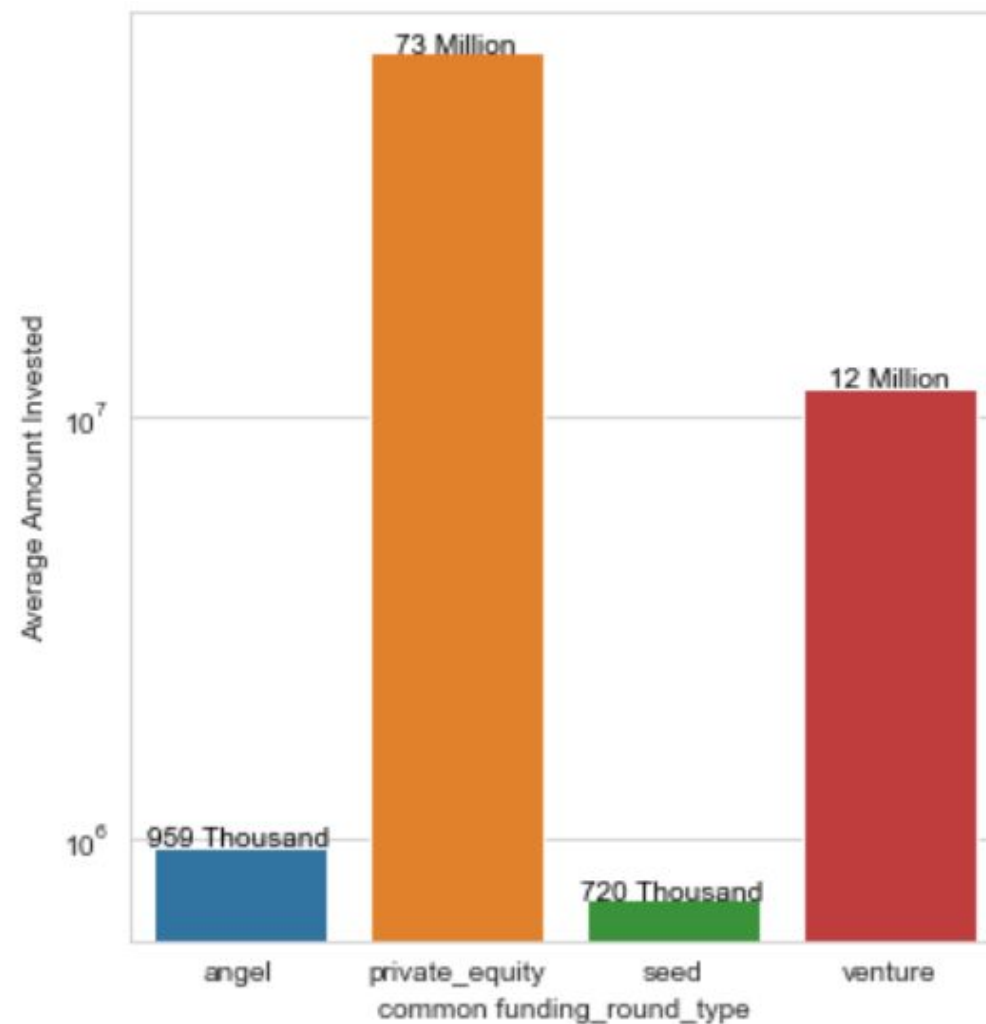
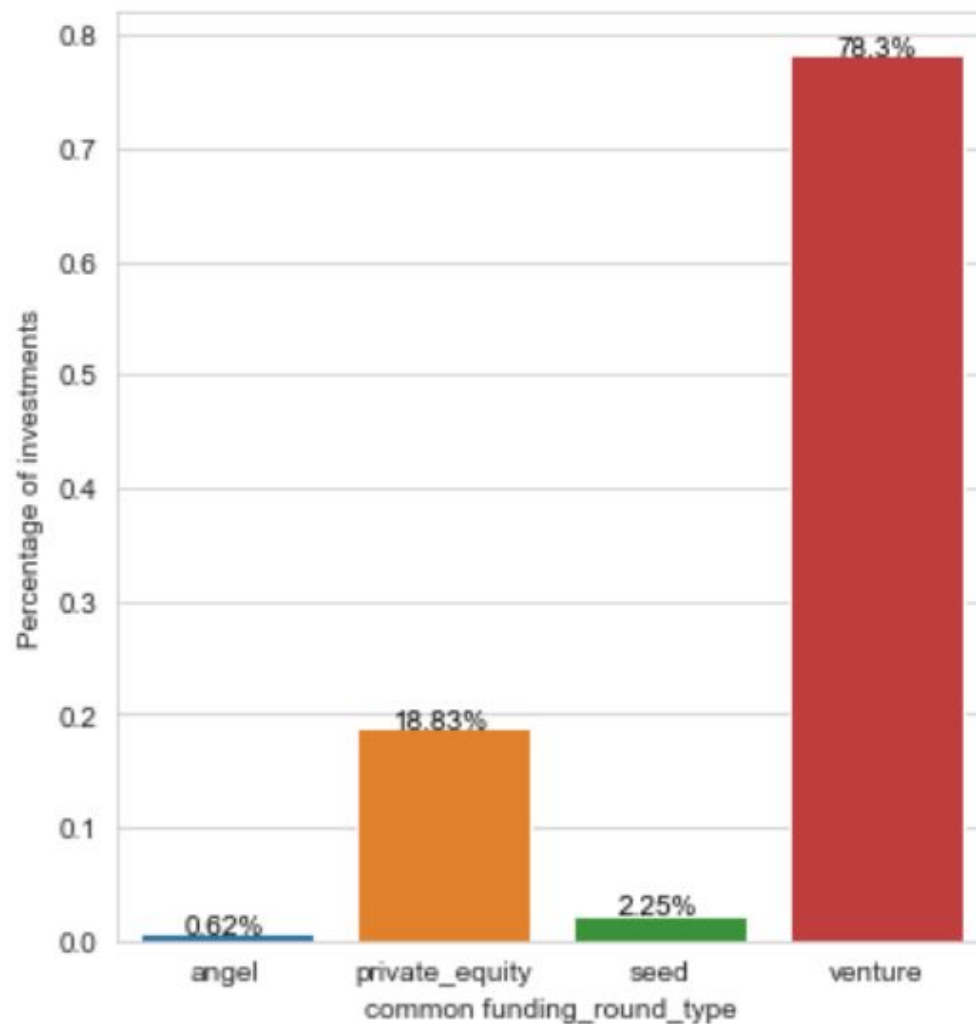
1. USA
2. Britain
3. India

Analysis of Most Heavily Invested Sectors

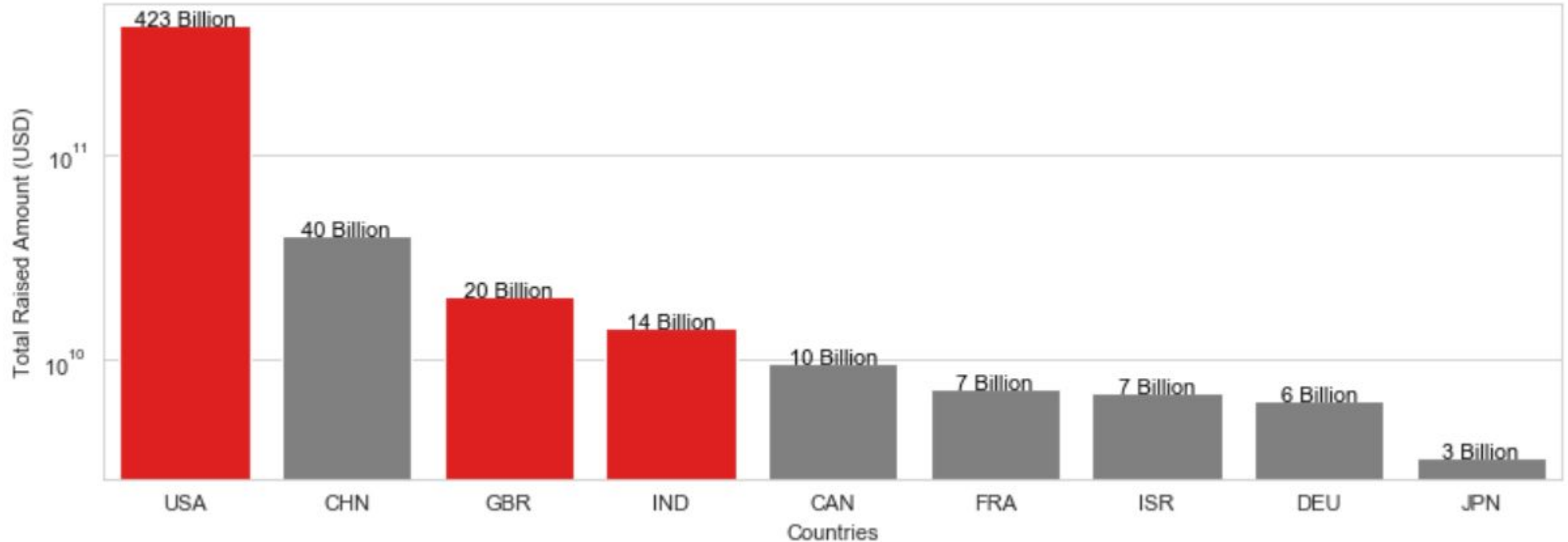
Lets see most sectors in our preferred countries with investment range ranging between 5 to 15 million USD and top Sectors in those countries based on number of investments. Also top companies in those Countries.

Criteria	USA	UK	INDIA
Total number of Investments (count)	22377	1339	446
Total amount of investment (USD)	293 Billion	14 Billion	11 Billion
Top Sector name (no. of investment-wise)	Cleantech / Semiconductors (5552)	Others (364)	Others (172)
Second Sector name (no. of investment-wise)	Others (5320)	Cleantech / Semiconductors (306)	News, Search and Messaging (78)
Third Sector name (no. of investment-wise)	Social, Finance, Analytics, Advertising (3244)	Social, Finance, Analytics, Advertising (220)	Social, Finance, Analytics, Advertising (45)
For point 3 (top sector count-wise), which company received the highest investment?	Galectin Therapeutics / Covenant Surgical Partners	Rostima	Flipkart
For point 4 (second best sector count-wise), which company received the highest investment?	Terascala /VectorMAX	Sirigen/Oxford BioTherapeutics	Quikr

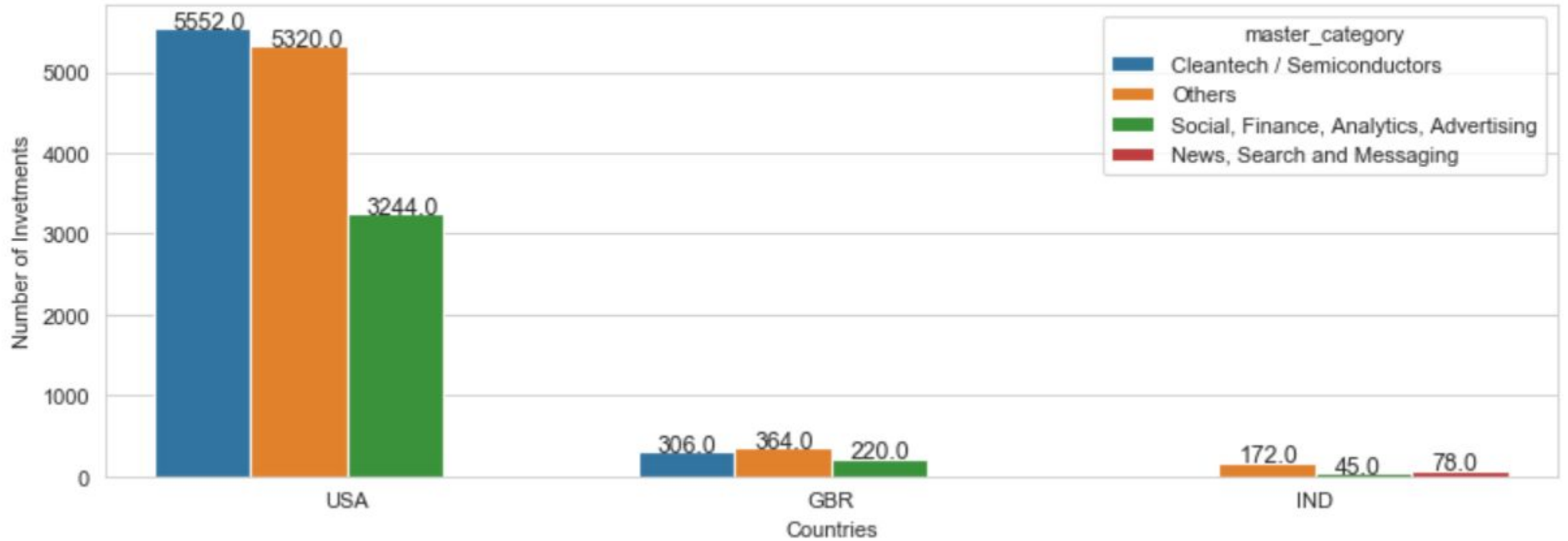
Percentage and Average Amount invested in 4 Main Funding Types



Top 9 Countries vs English Speaking Countries



Heavily Invested Main Sectors Analysis



Conclusion

Based on our analysis Spark funds should invest in Venture type fundings as it fits our average investment criteria and is a most preferred investment type total market share vice in countries like the USA, the UK and India in Sectors like Cleantech / Semiconductors, Social, Finance, Analytics, Advertising, News, Search and Messaging and Others.

I would recommend looking at developing countries like India or developed countries like UK for investments as these countries will have the potential for growth, whereas US market is saturated and in current outbreak of COVID-19, the economy of USA is declining.