



INVESTMENT ASSIGNMENT SUBMISSION

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Abstract

Spakfund need to do investments with in given range 5-15 millions USD amount in the English speaking countries only as it is easy on communication scale





Problem solving methodology

Analyze and Conclude

- Infer the actionable insights
- Share conclusion with business
- Repeat in case of no actionalble conclusion

Understand the Business requirement

• Get familiar with the basic business terms

<u>Filter</u>

 Keep observations relevant to the business requirment _

Read

- Store round2 and company datasets
- Check data integrity issues

<u>Explore</u>

• Check patterns in the dataset

<u>Clean</u>

- Remove formatting incosistencies and missing values issues
- Merge the two dataframes on the common column



Funding Round Type vs Funding Round Code (USD millions)



- Private Equity fund average investment is from 25 to 50 million approx and recieved investment for only three rounds of investment.
- Angel fund average investement is **2 million approx** and recieved investment for only **one round of investment**.
- Seed fund average investment is from 900k to 4 million approx and recieved investment for only three rounds of investment.
- Venture fund average investment is from 6 million to 150 million approx and recieved investment for all the eight rounds of investment.





Venture Vs Private Equity Fund

The average investment amount for the Private Equity fund is high and Fraction of the number of investments is high in Venture Fund type.

Considering the given range of the investment amount 5-15 million, Venture Fund type needs less investment unlike Private Equity.

Private Equity need big amount for the investment as it is associate with the well established companies unlike Venture fund type which has association with the start up growing companies.

Venture Fund type has recieved large number of investments



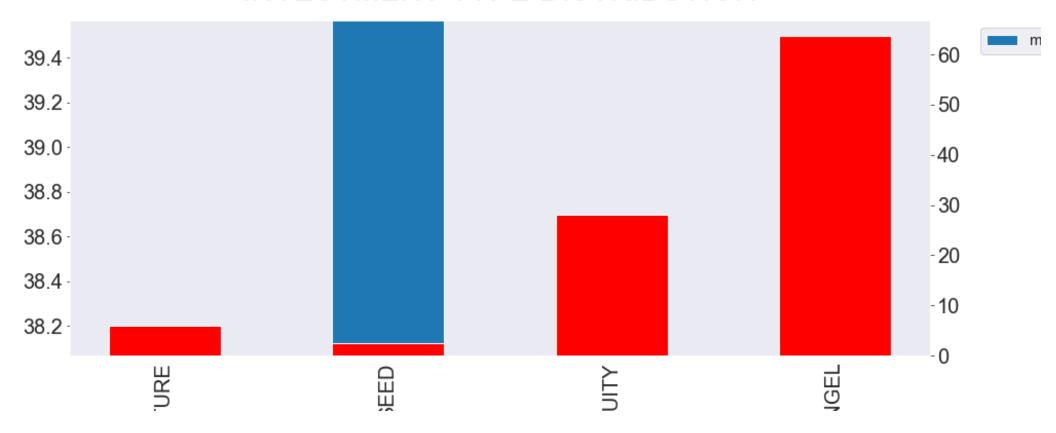


Country and Sector wise Investment

- Spark Fund should invest in USA and UK in Cleantech / Semiconductors and Social, Finance, Analytics, Advertising to diversify and mitigate the risk
- The above sectors have recieved more number of investments
- Media Vast and Free Scale semiconductors are the companies which should be chosen for making investments
- The above companies are on top in the top sectors of the top two countries USA and UK, so these are the companies recomended to make invements.

hnvestment amount average and fraction by Fund Type

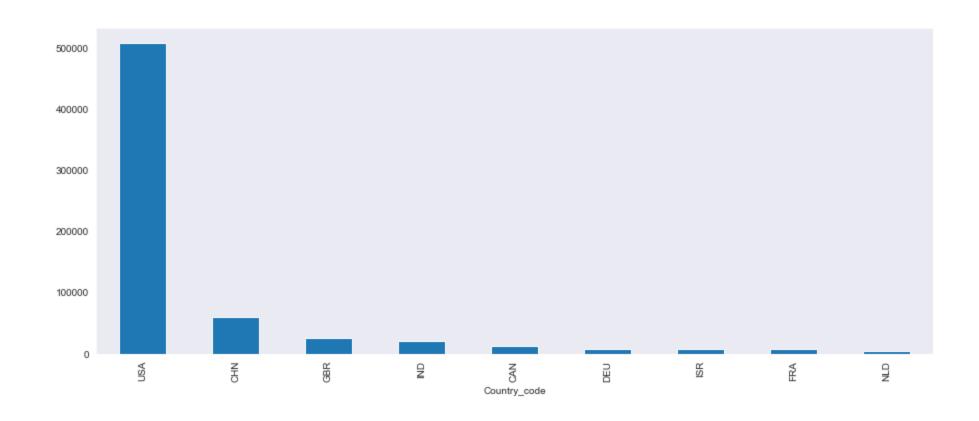
INVESTMENT TYPE DISTRIBUTION







Total investment amount by Top 9 Countries

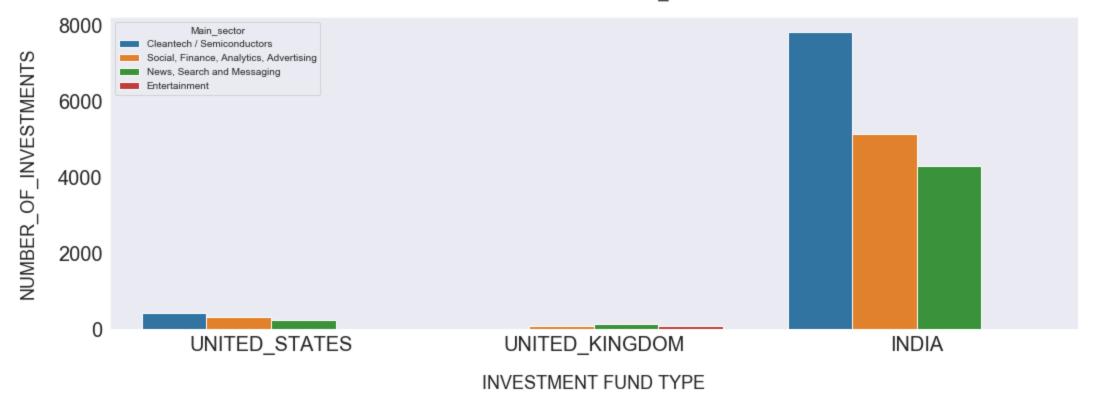








NUMBER OF INVESTMENTS BY MAIN_SECTOR & COUNTRY







Conclusions:

I would advice SparkFund to invest in the Venture fund given the constraint of 5-15 million usd amount, in the USA and UK.

Cleantech / Semiconductors and Social, Finance, Analytics, Advertising are the sectors to be recomended for the invements

MediaVast and Freescale Semiconductor are the companies recomened to make investments