

INVESTMENT ASSIGNMENT SUBMISSION

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Introduction

- Spark Funds, an asset management company. Spark Funds wants to make investments in a few companies.
- The CEO of Spark Funds wants to understand the global trends in investments so that she can take the investment decisions effectively.
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Approach

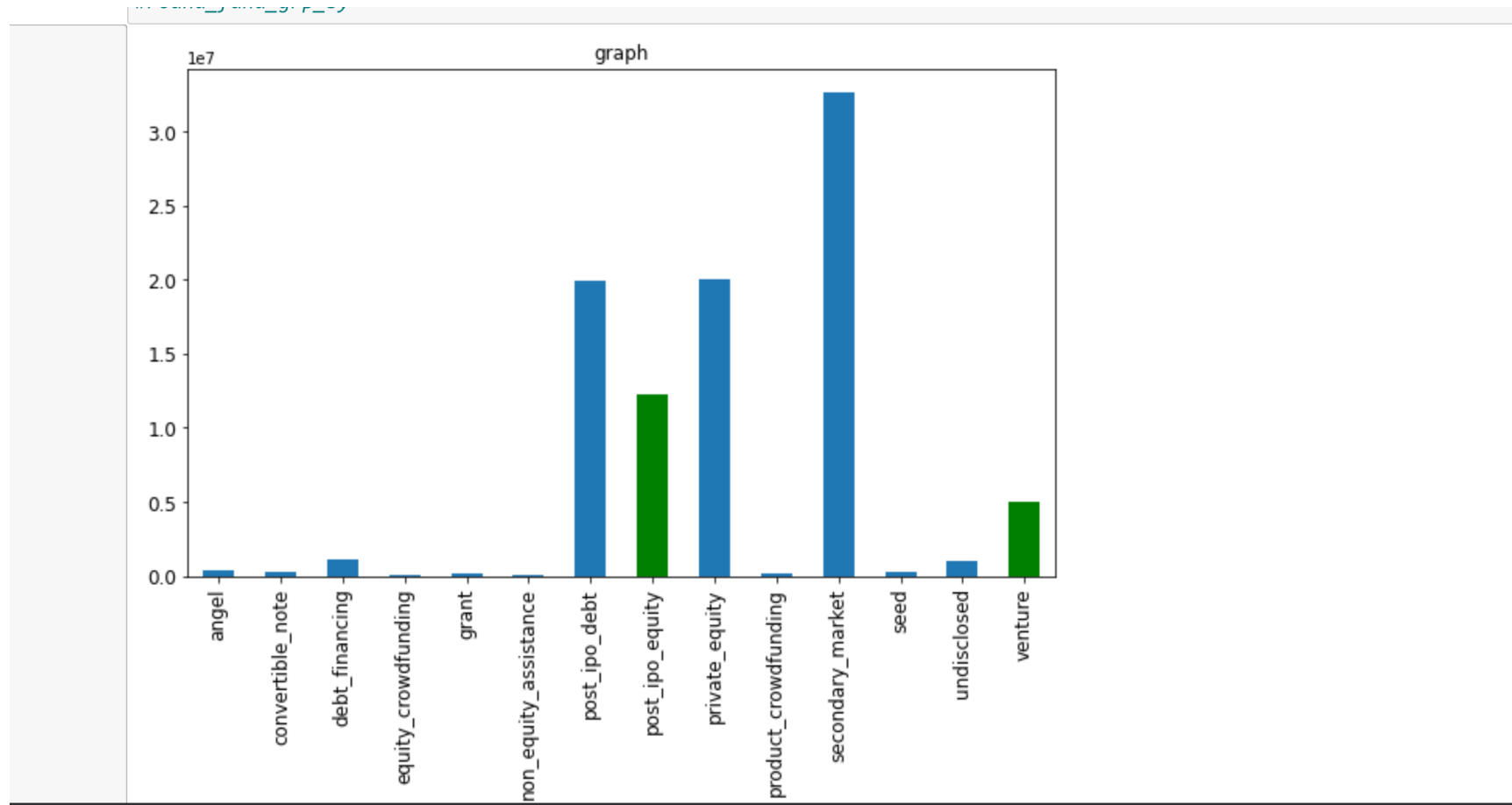
Cleaning Data:

- a. Making the data consistent for company name
- b. Filling appropriate data for investment amount being NaN
- c. Converting values to human readable format

Zero Investment Values

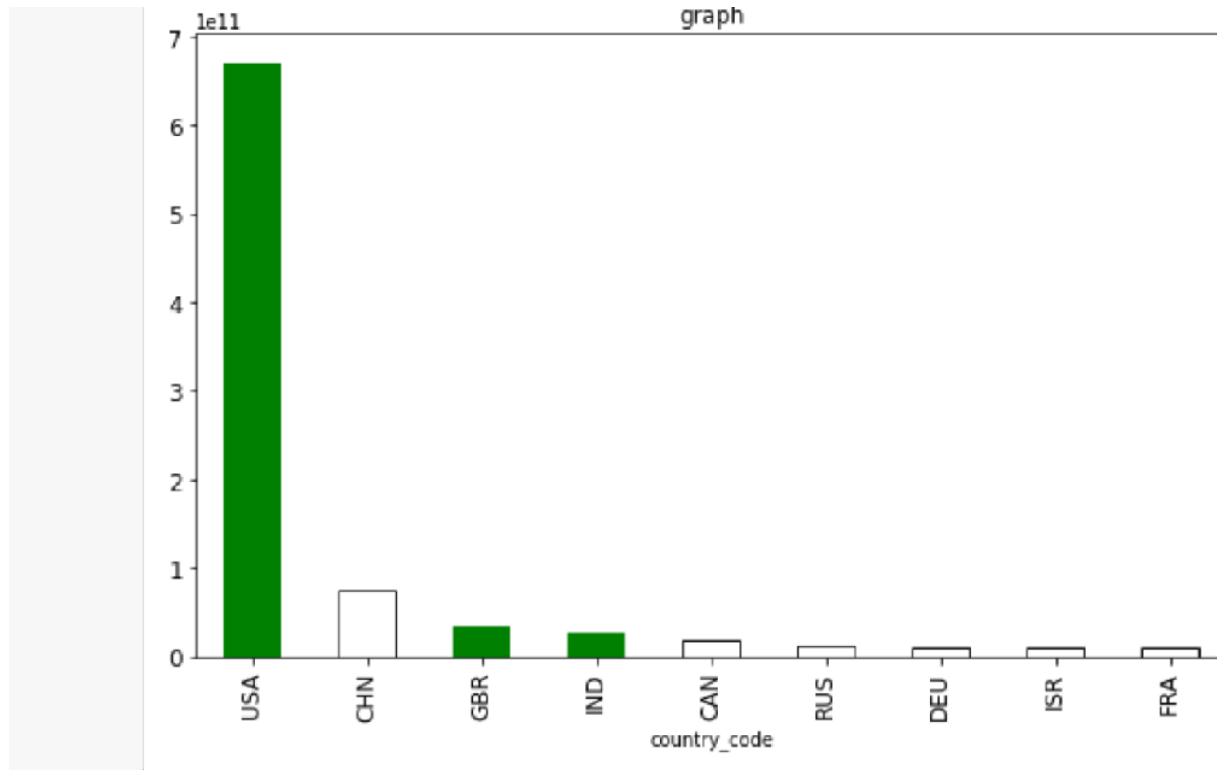
- Considering Zero Investment values since the effort was made to invest but no funding was raised
- Values are in range with slowly increasing frequency so no outliers here
- While calculating the number of investments made, zero values are ignored as they are not necessarily investment per se.

Funds Suited for Spark Funds - 5 million to 15 million



Scaled down to fit the large and small numbers

Total Investment Type by Top English speaking Countries Highlighted

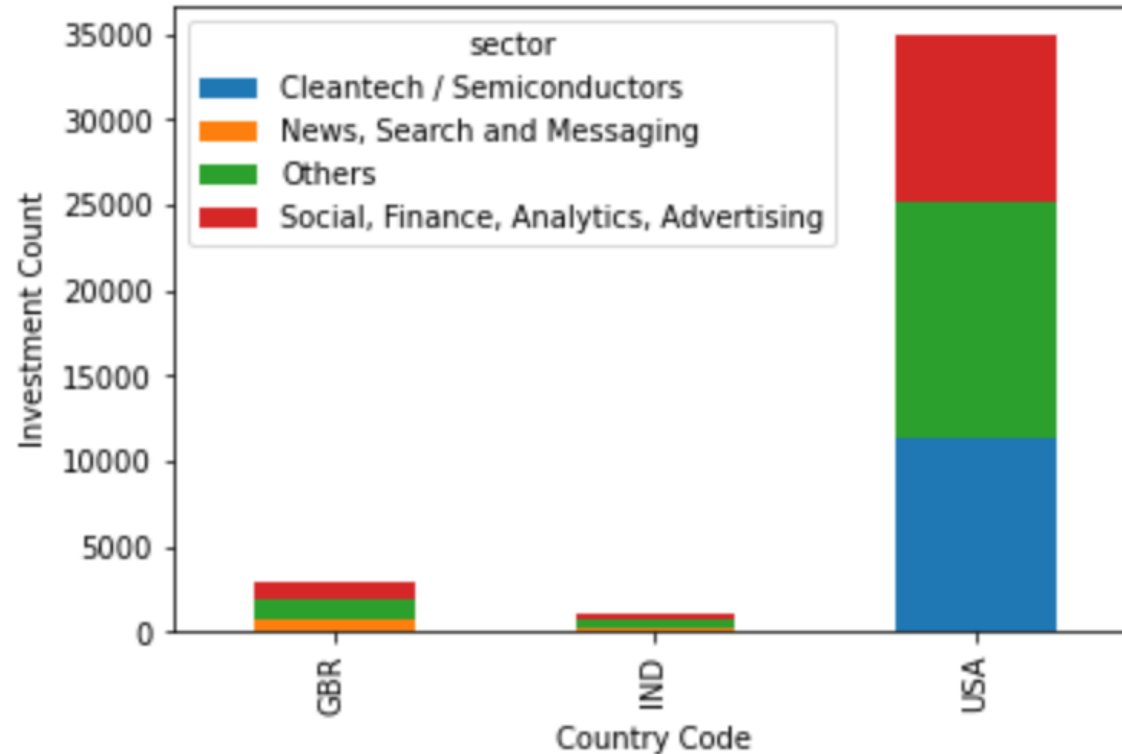


Scaled down to fit the large and small numbers

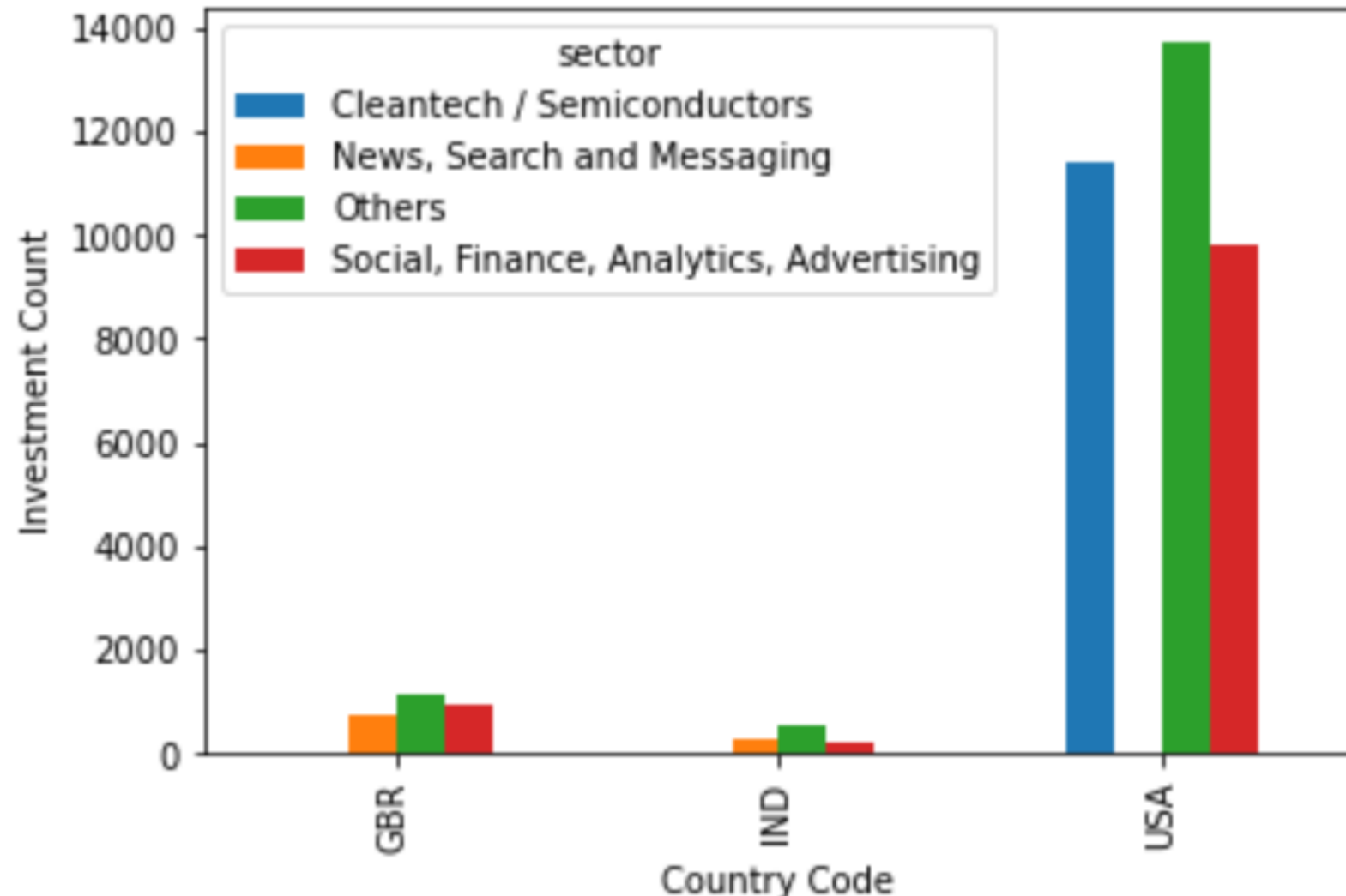
Top 3 countries with top 3 sectors

Plot 1

```
plt.ylabel("Investment Count")
plt.show()
```



Top 3 countries with top 3 sectors



Spark Fund Investment

- They can invest in two different venture types for their budgets.
- There is lot of scope in English Speaking countries.
- Social, Media Finance are the sectors which attract maximum investments due to its popular nature and can be invested in top 3 English speaking countries with maximum investment.