

# INVESTMENT ASSIGNMENT SUBMISSION

Name:

# OBJECTIVE

Spark Funds is an asset management company needs to make investment on companies world wide. Investment is carried out based on the below mentioned criteria.

- It wants to invest between **5 to 15 million USD** per round of investment
- It wants to invest only in English-speaking countries because of the ease of communication with the companies it would invest in.
- Also it want to invest in the place where most of the other investors are investing.

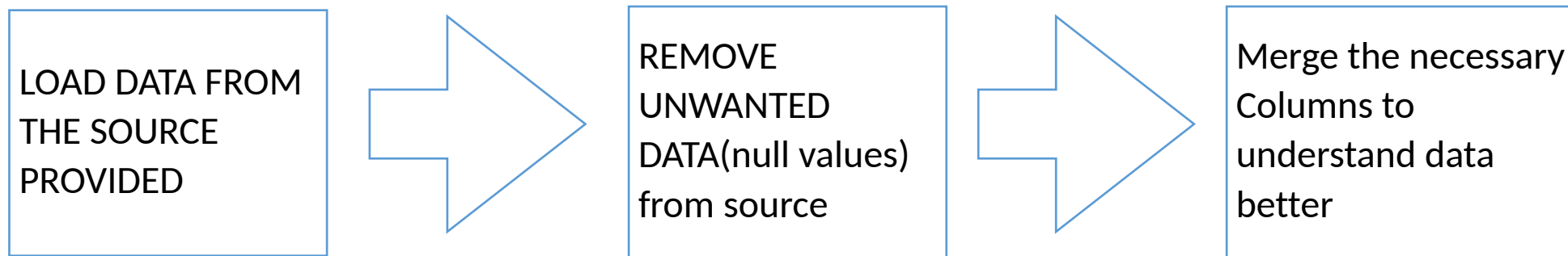
The objective is to identify the best sectors, countries, and a suitable investment type for making investments. The overall strategy is to invest where others are investing, implying that the 'best' sectors and countries are the ones 'where most investors are investing'.

# Problem solving Methodology:

## Data Cleaning and understanding:

**Data Cleaning is the initial part of the data analysis. This is done to remove the unwanted data and normalise the data to required format so it can be analysed better.**

**Below is the process to clean the data:**

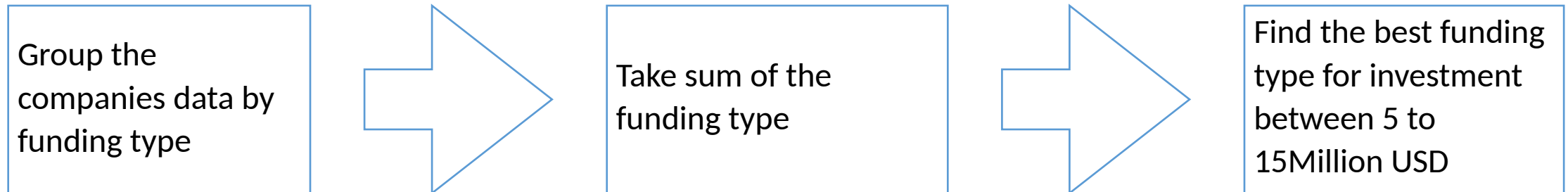


# Investment Analysis:

**Investment Analysis involves the selection of the better funding type to invest. There are multiple funding types like seed, fortune, angels, venture etc.**

**Spark Fund decided to find invest 5 to 15M USD so we have to find the suitable funding type suitable for them to invest.**

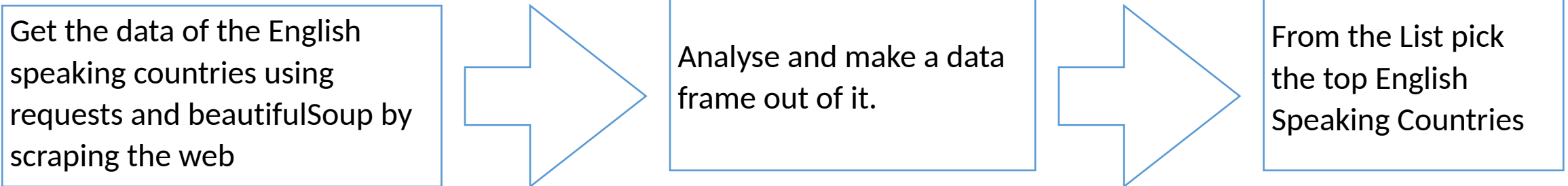
**Steps involved in find the suitable “Funding Type”:**



# Country analysis:

**Spark Funds has the criteria that it will invest only in the English speaking countries. So we have to find the top English speaking countries so we could invest at the correct place and the mode of communication will be easier.**

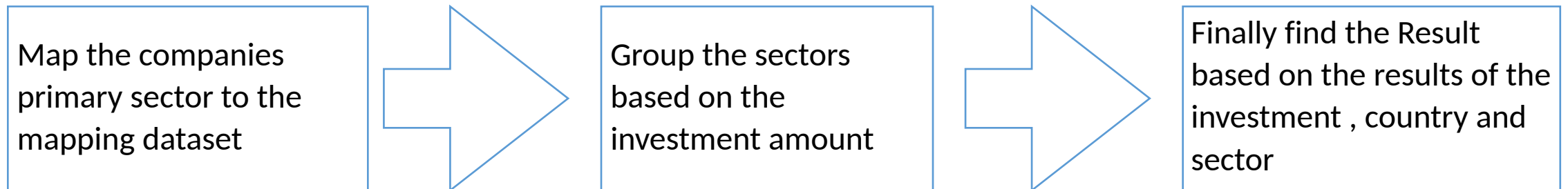
**Below is the methods to find the top English speaking countries:**



# Sector analysis:

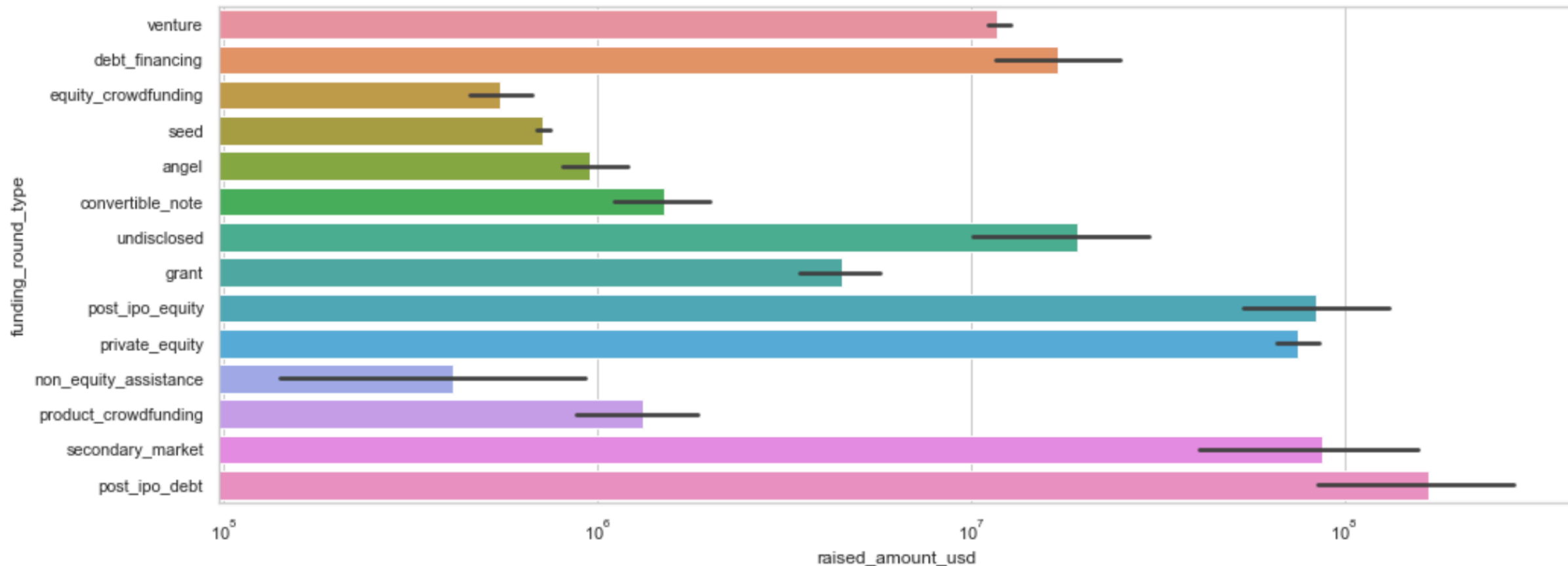
**Also we have to make the investment in the specific sector where other investors are investing. So we have to find the top sector where Spark Fund can invest in.**

**To Find the Top Sector below method is used:**

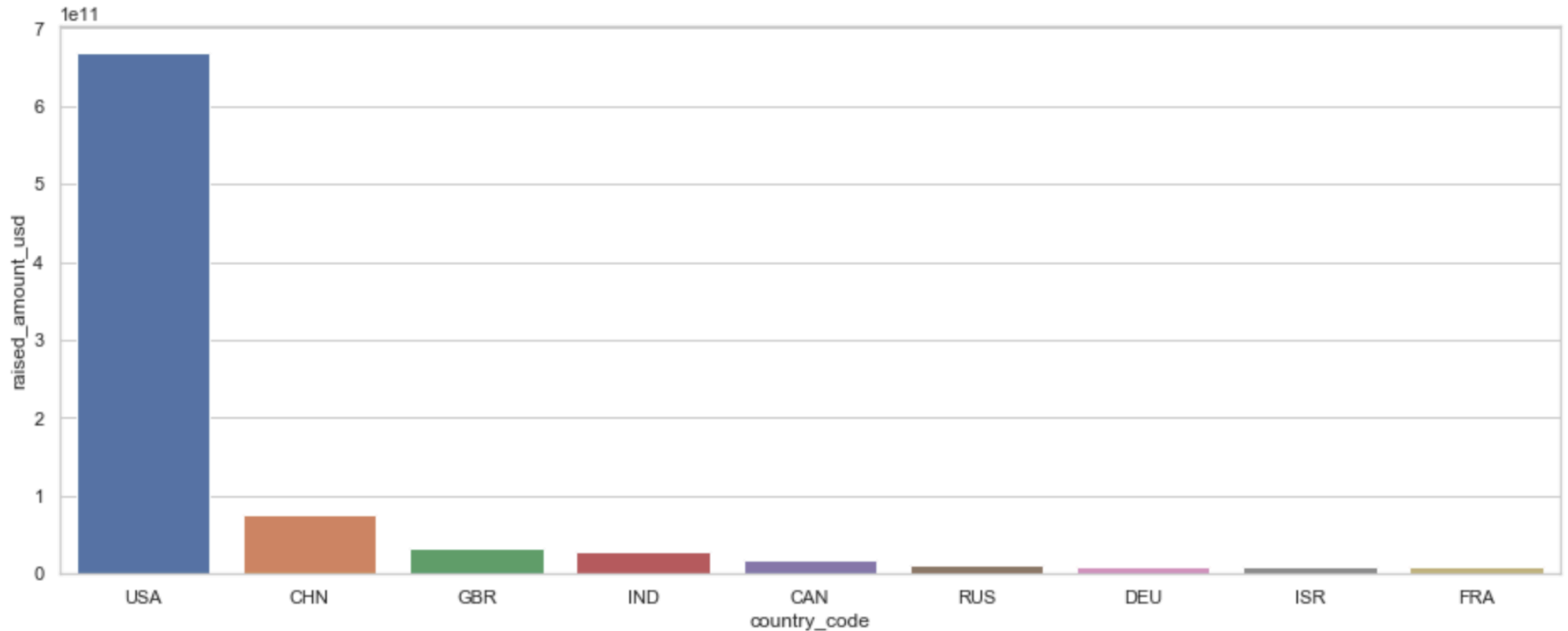


# Funding Type Graph:

Below graph clearly state that venture is the best for investment between 5 to 15M USD



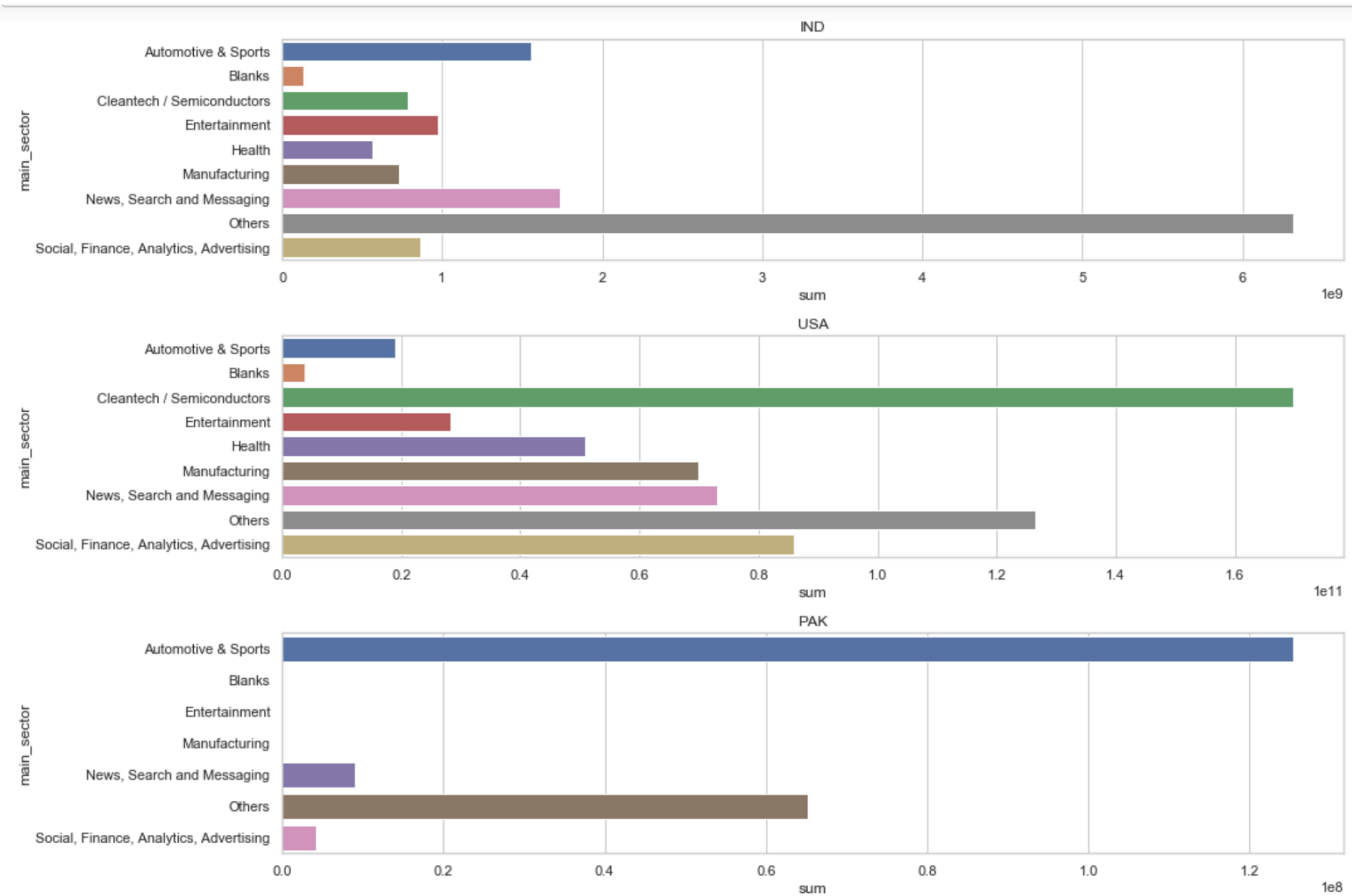
# Top investment country wise:





# Top investment sector wise also by country:

Plot 3



# Conclusion:

**Based on the results of the investment, country and sector analysis we can conclude that the Spark Funds have to invest its most of the funds in the “clean-tech/semiconductor” of “USA” where most of the investment happens.**

**They can also invest its other funds in “Others sector” of USA or IND where the investment amount and count is higher.**