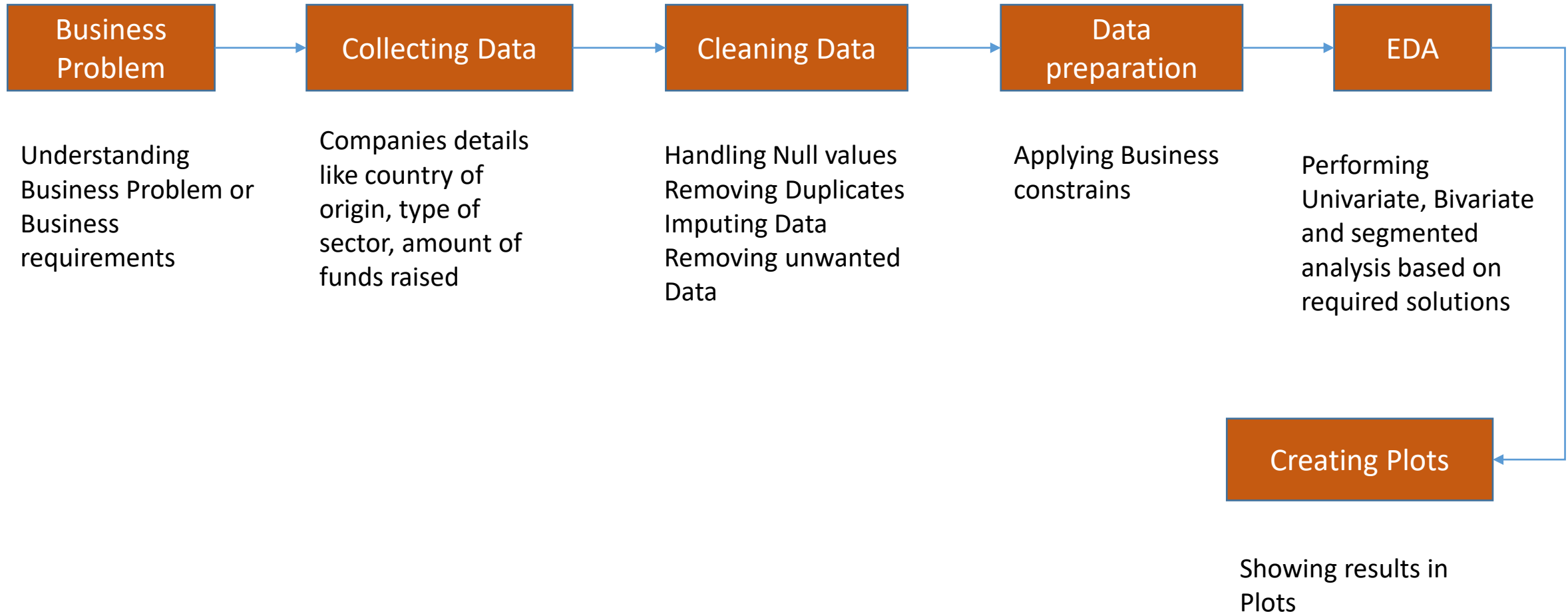# INVESTMENT ASSIGNMENT

SUBMISSION

Name: Gangu Shashank Reddy

Abstract

The Purpose of this analysis is to understand the global trends in investment which helps for Spark Funds in investment. This analysis includes collecting , cleaning and analysis of data collected from crunchbase.com.

Problem solving methodology

Business Problem	Collecting Data	Cleaning Data	Data preparation	EDA

Understanding Business Problem or Business requirements

Companies details like country of origin, type of sector, amount of funds raised

Handling Null values
Removing Duplicates
Imputing Data
Removing unwanted Data

Applying Business constrains

Performing Univariate, Bivariate and segmented analysis based on required solutions

Creating Plots

Showing results in Plots

Funding type Analysis

1. Spark Funds wants to invest between 5M to 15M USD.

2. Identifying best funding type which suitable for Spark funds by performing segmental analysis on funding type and representative funds.

3. Below are the results got from this analysis

4. From the below results venture type investment is suitable for Spark Funds

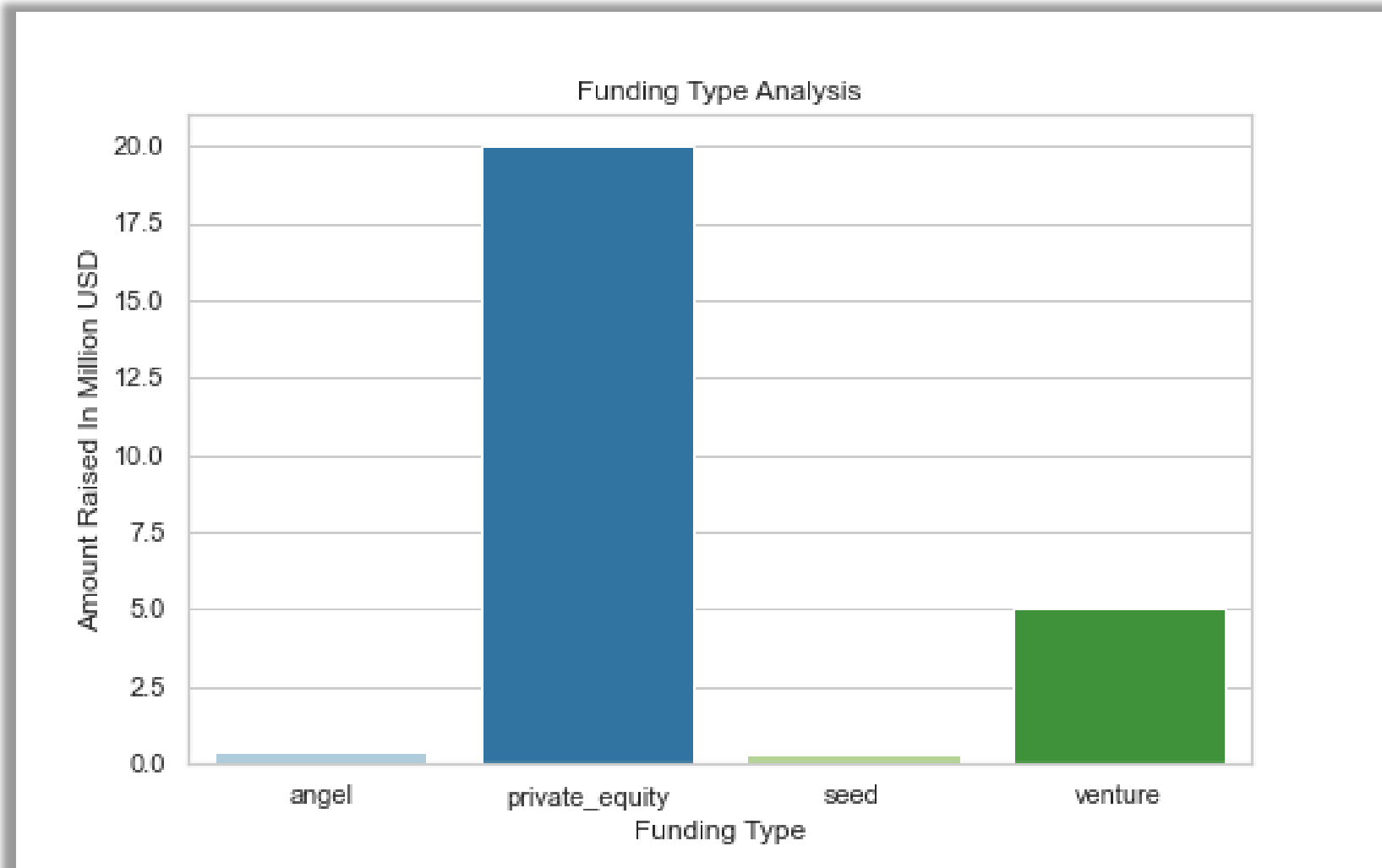|	
Representative funding amount of venture type	5000000
Representative funding amount of angel type	400000
Representative funding amount of seed type	277000
Representative funding amount of private equity type	20000000

Country Analysis

1. This analysis gives top countries to invest for venture type funding.

2. This results can be achieved by finding the count of investments in each country.

3. Applying Business constrain i.e. Sparks funds wants to invest only in English speaking countries

4. USA , United Kingdom and India are top three countries to invest
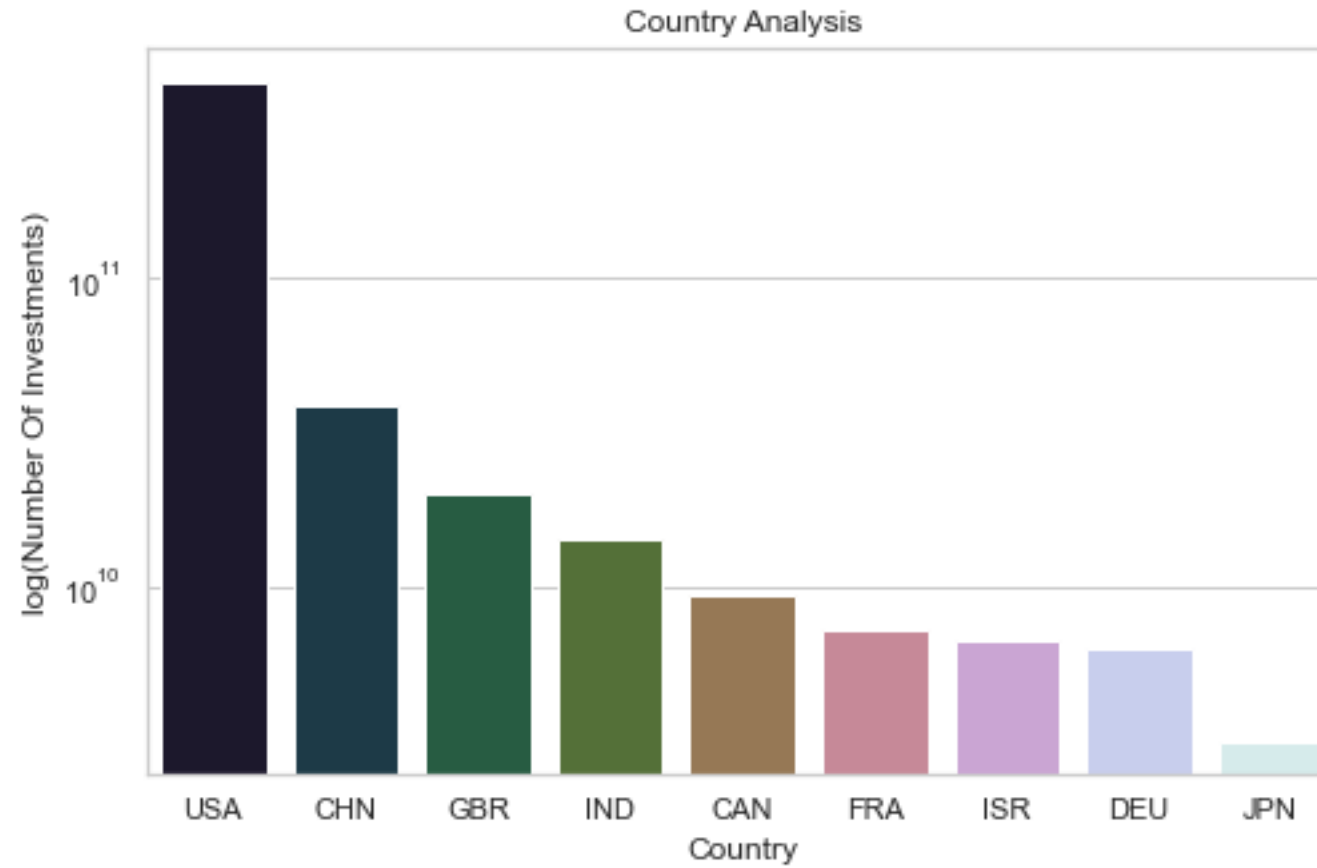
Sector Analysis

1. Finding the best sector to Invest

2. This can be done by finding the total number of investments in particular sector. The maximum number of investments shows best sector.

3. This analysis will give top 3 best sectors in top 3 countered with funding type as venture.
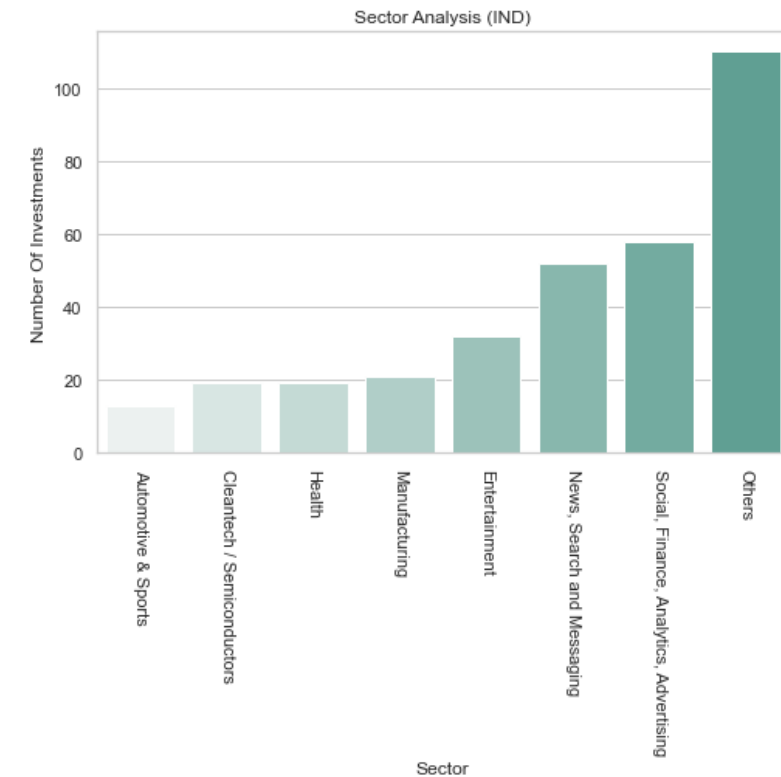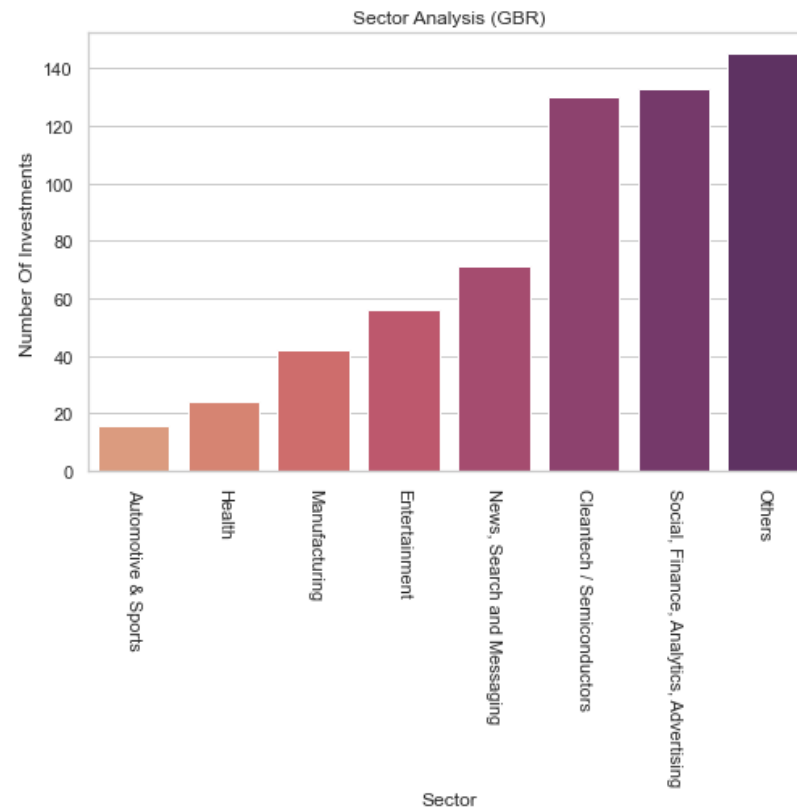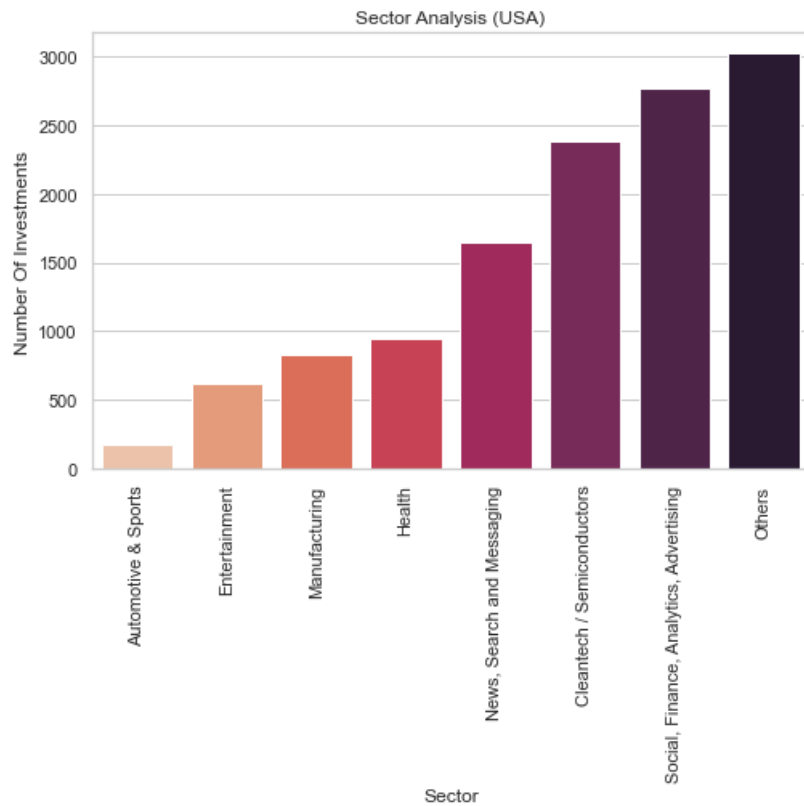
Funding Type Analysis

Country Analysis

Sector Analysis

Conclusions

1. Type of investment suitable for Spark funds - Venture

2. Top Three countries to invest - United States of America, United Kingdom , India.

3. Top Three sectors – Others , Social, Finance, Analytics, Advertising , Cleantech / Semiconductors