Project : Case Study (Part - II)

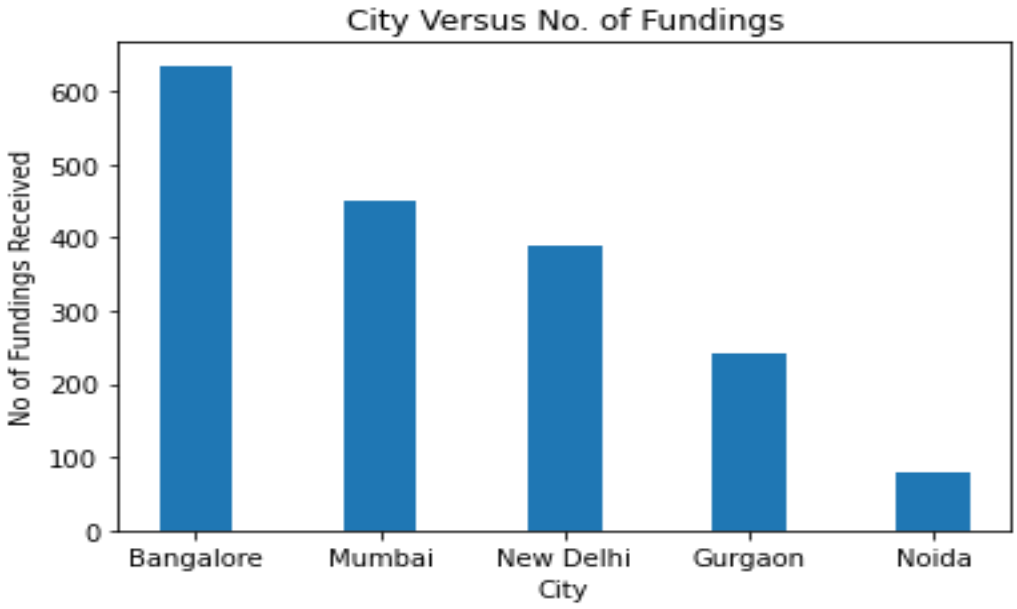
Case Study:

Question 1:

Answer:

```
Location List with No of Fundings
Bangalore 635
Mumbai 449
New Delhi 389
Gurgaon 241
Noida 79
Location having maximum number of fundings:Bangalore
```

Plot:



Explanation:

First I have read the file using pandas library.Then I have split the city names. After that I have replaced the city names with required names like ‘New Delhi for ‘Delhi’ using replace function.

After that I have filtered the dataframe with rows having the required city names in ‘CityLocation’ column.After that I have counted their occurrence using .value_counts()[0:5] function. This will count and then the last part will slice for only the first five rows. After that .index will give the names and .values will give the count.The grap is then plotted using matplotlib.pyplot package.

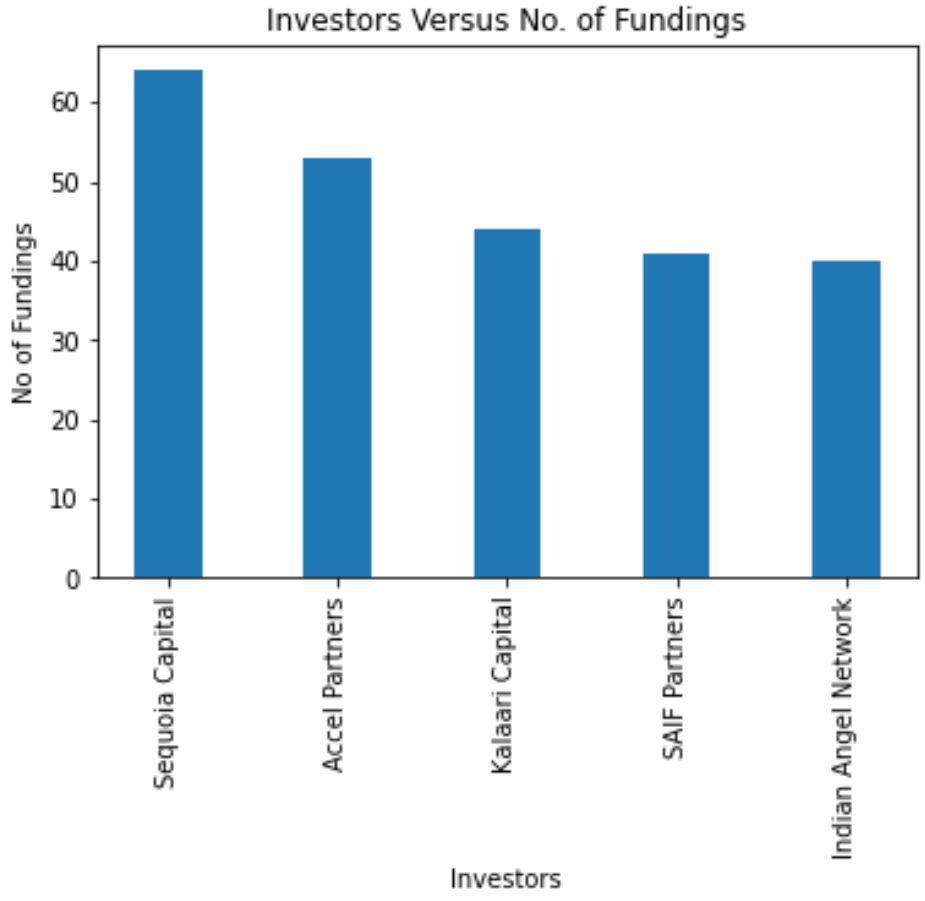
Case Study:

Question 2:

Answer:

```
Location List with No of Fundings
Sequoia Capital 64
Accel Partners 53
Kalaari Capital 44
SAIF Partners 41
Indian Angel Network 40
```

Plot:



Explanation:

I have read the file using pandas. After that I dropped all na columns in 'InvestorsName'. After that I separated all the investors using split function for ',' in separateInvestors function.In the function,I have also counted how many times the investor has come and stored them in a dictionary.Then I used counter function and then .most_common to print the top five investors.

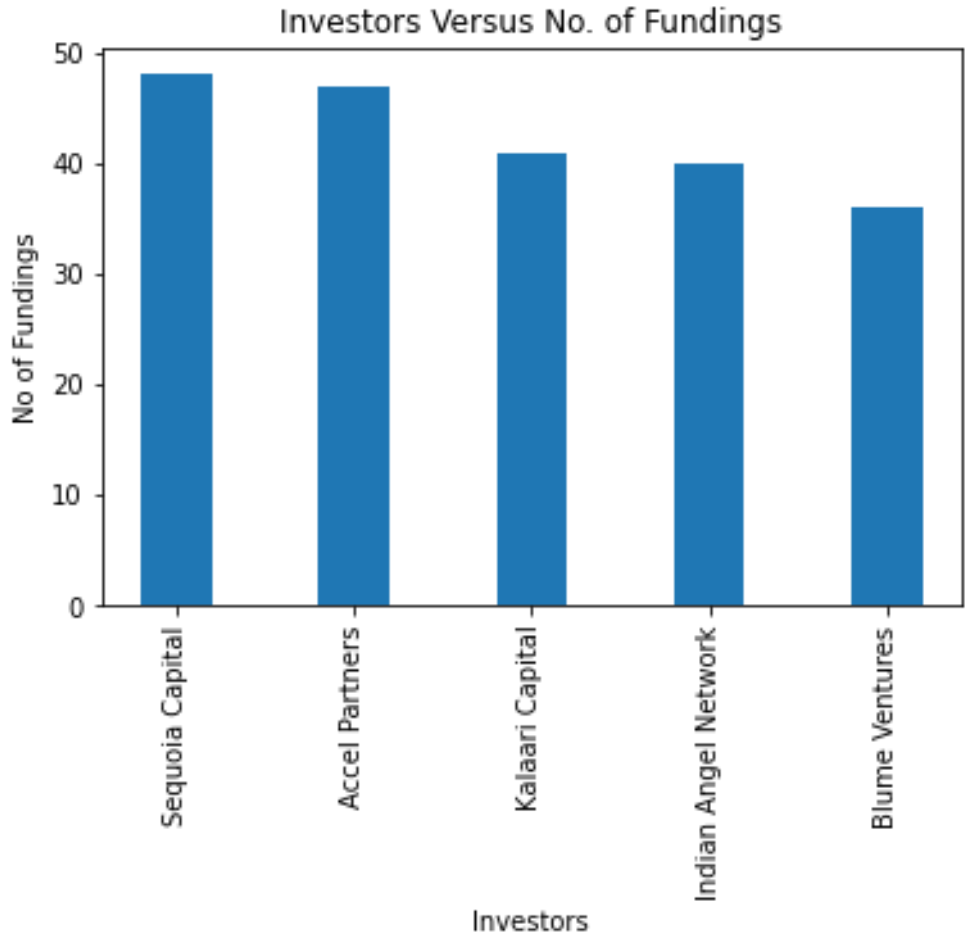
Case Study:

Question 3:

Answer:

```
Location List with No of Fundings
Sequoia Capital 48
Accel Partners 47
Kalaari Capital 41
Indian Angel Network 40
Blume Ventures 36
```

Plot:



Explanation:

I read the file using pandas. Then I dropped all the missing value rows for the particular columns. Then I replaced all the start up names with proper names. After that I converted the Start up and Investor name rows into lists. Then I splitted the investors,stored them in a dictionary with key as investor and values as start up name . I then counted the length of each values for the keys and stored them. I sorted the dictionary and printed the top five.

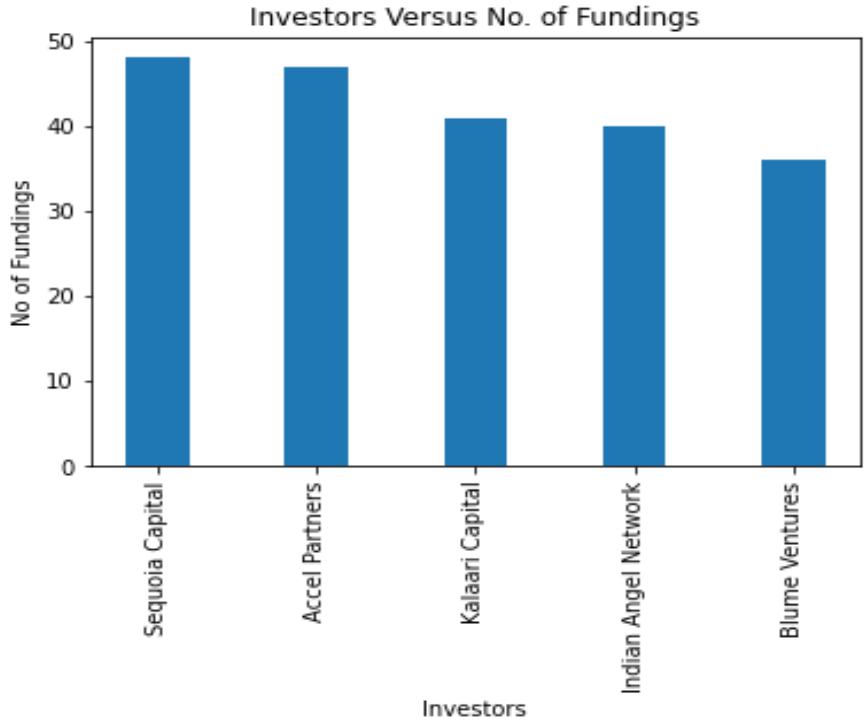
Case Study:

Question 4:

Answer:

```
Location List with No of Fundings
Indian Angel Network 33
Rajan Anandan 23
LetsVenture 16
Anupam Mittal 16
Kunal Shah 14
```

Plot:



Explanation:

Case Study:

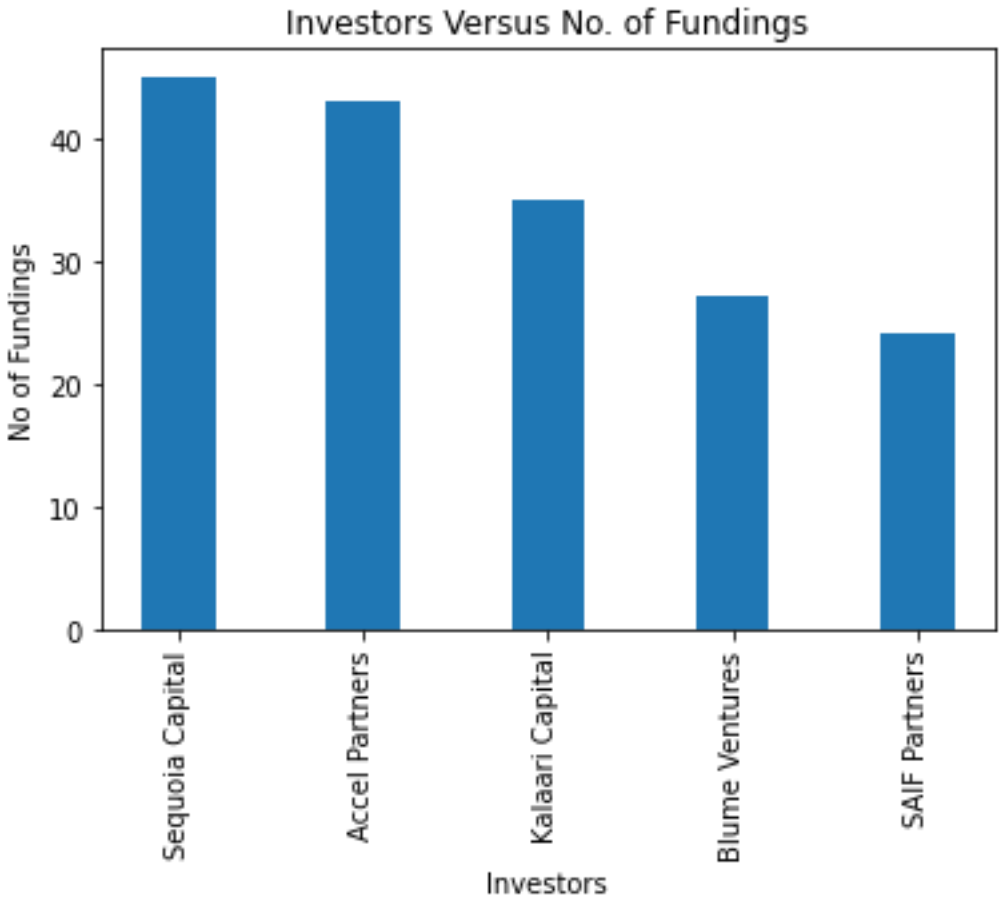
I have read the file using pandas. Then I dropped all the missing value rows for the particular columns. I filtered the rows having Investment type as Seed Funding or Crowd Funding.Then I replaced all the start up names with proper names. After that I converted the Start up and Investor name rows into lists.Then I splitted the investors,stored them in a dictionary with key as investor and values as start up name . I then counted the length of each values for the keys and stored them. I sorted the dictionary and printed the top five.

Question 5:

Answer:

```
Location List with No of Fundings
Sequoia Capital 45
Accel Partners 43
Kalaari Capital 35
Blume Ventures 27
SAIF Partners 24
```

Plot:



Explanation:

I have read the file using pandas. Then I dropped all the missing value rows for the particular columns. I filtered the rows having Investment type as Private Equity only.Then I replaced all the start up names with proper names. After that I converted the Start up and Investor name rows into lists.Then I splitted the investors,stored them in a dictionary with key as investor and values as start up name . I then counted the length of each values for the keys and stored them. I sorted the dictionary and printed the top five.