Project Case Study (Part-II)

Problem 1

Answer:

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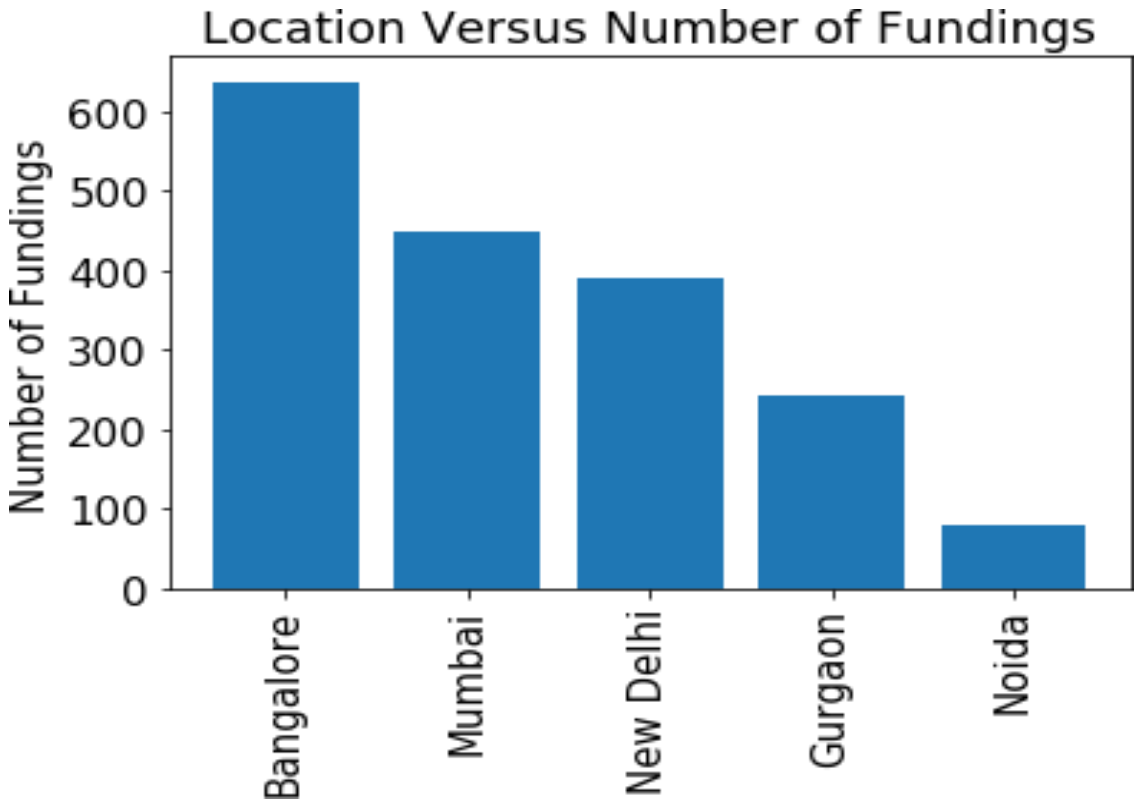
The list of Locations with the Number of Fundings is
given as:

Bangalore - 637
Mumbai - 449
New Delhi - 389
Gurgaon - 241
Noida - 79
Maximum Funding is done in Bangalore, 637 times.
```

Plot



Explanation

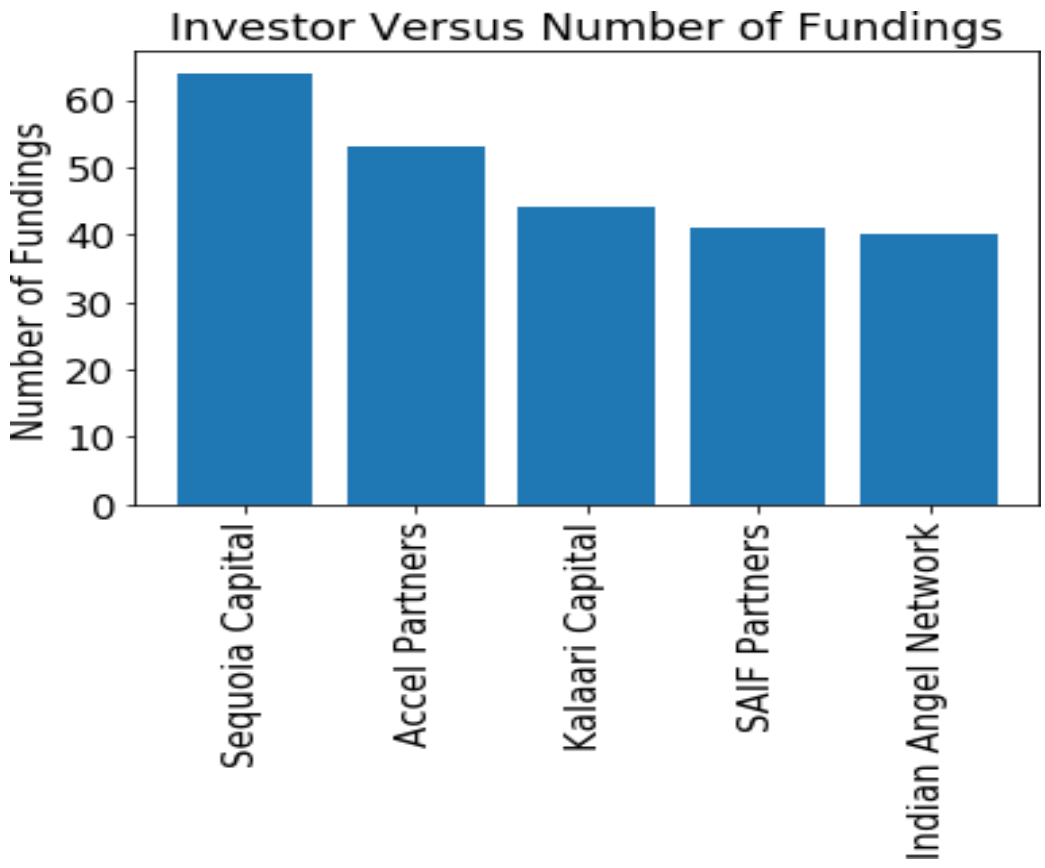
Firstly, I used to drop all the rows of CityLoaction which has NA value or are empty, then I used to replace function to correct the names of the cities. Then I apply a separateCity named function for separating the city in which multiples are given. Then I used to count the number of funding in each specified location. Then I used the index and values method of the data frame to separate the index and values

Then separate the given city from the index which is in the CityLook array which are we looking for and plots this on the bar graph.

Problem 2

Answer:
Top 5 Investors are:
Sequoia Capital - 64
Accel Partners - 53
Kalaari Capital - 44
SAIF Partners - 41
Indian Angel Network – 40

Plot:



Explanation

Firstly, I used to drop all the rows of InvestorsName which has NA value or are empty, then I used to replace function to correct the names of the cities. Then I apply an investor_count for making the dictionary in which each investor name is a key and the value of each key is the number of funding done by them. Then we are converting dict keys and dict values into a NumPy array and storing it into investor name and number_of_fundings and then just sorting it and printing the top 5 investors with their values.

Then separate the given top 5 investors from the investor_name array and number_of_fundings and store it in another list and then using these two lists we are plotting a bar graph.

Problem 3

Answer:

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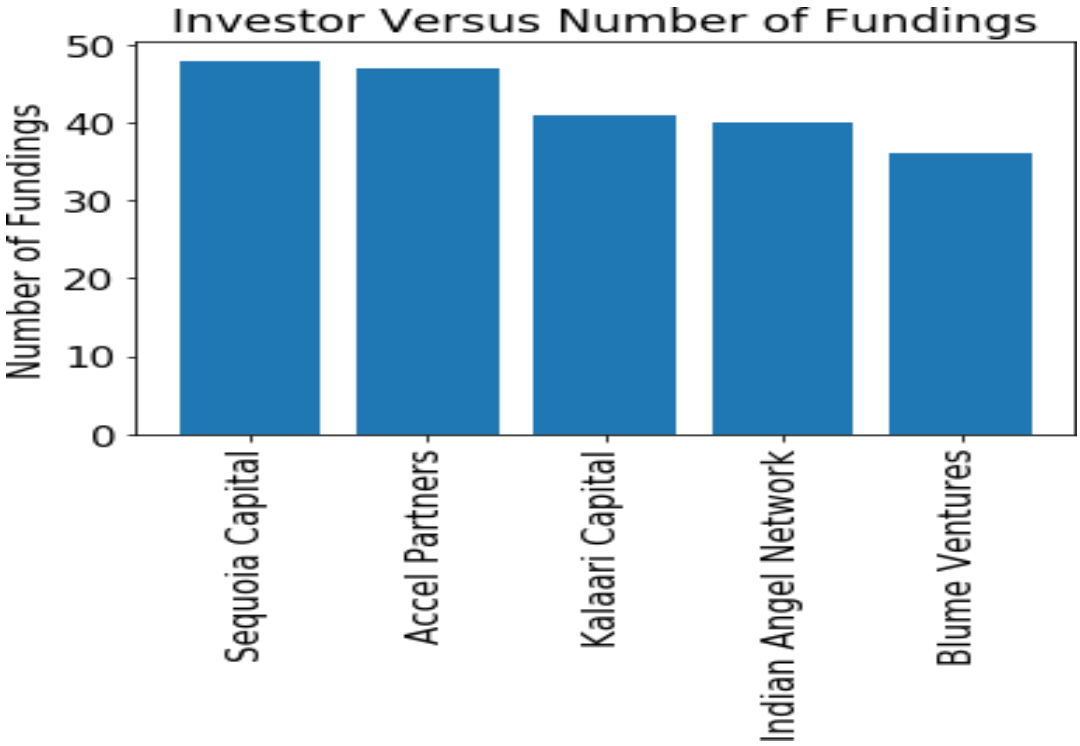
Top 5 Investors are:
Sequoia Capital - 48
Accel Partners - 47
Kalaari Capital - 41
Indian Angel Network -40
Blume Ventures – 36
```

Plot



Explanation

With the help of the replace function, I have corrected the names of the start-ups. I have made use of Dictionary, Sets, and List to count the number of funding done by investors in different start-ups. Then with the help of NumPy, I found the top five investors

Problem 4

Answer:

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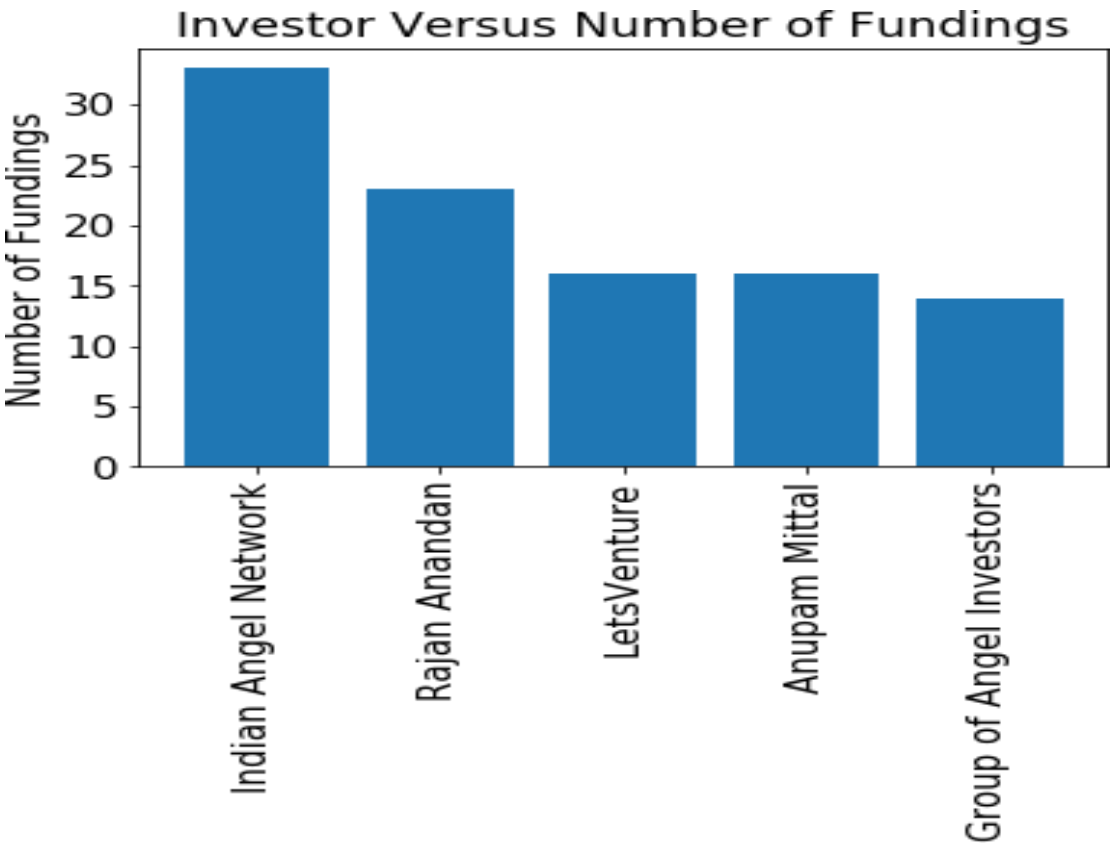
Top 5 Investors for Investment type- Seed Funding and Crowd
Funding are:
Indian Angel Network - 33
Rajan Anandan - 23
LetsVenture - 16
Anupam Mittal - 16
Group of Angel Investors – 14
```

Plot



Explanation

With the help of the replace function, I have corrected the names of the start-ups, investment types, and investor names. I have made use of Dictionary, Sets, and List to count the number of funding done by investors in different start-ups. Then with the help of NumPy, I found the top five investors.

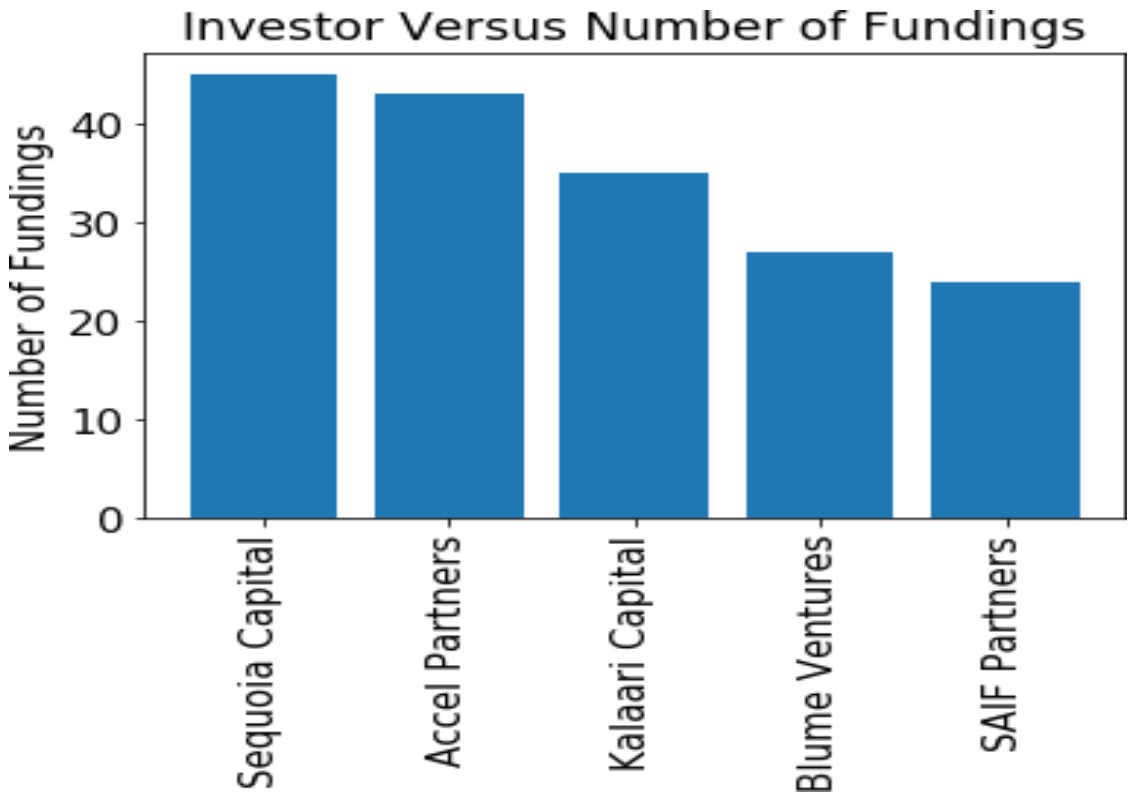
Note: I have ignored investors with names: Undisclosed investors

Problem 5

Answer:

```
Top 5 Investors for Investment type- Private Equity are:
Sequoia Capital - 45
Accel Partners - 43
Kalaari Capital - 35
Blume Ventures - 27
SAIF Partners - 24
```

Plot



Explanation

With the help of the replace function, I have corrected the names of the start-ups, investment types, and investor names. I have made use of Dictionary, Sets, and List to count the number of funding done by investors in different start-ups. Then with the help of NumPy, I found the top five investors.

Note: I have ignored investors with names: Undisclosed investors