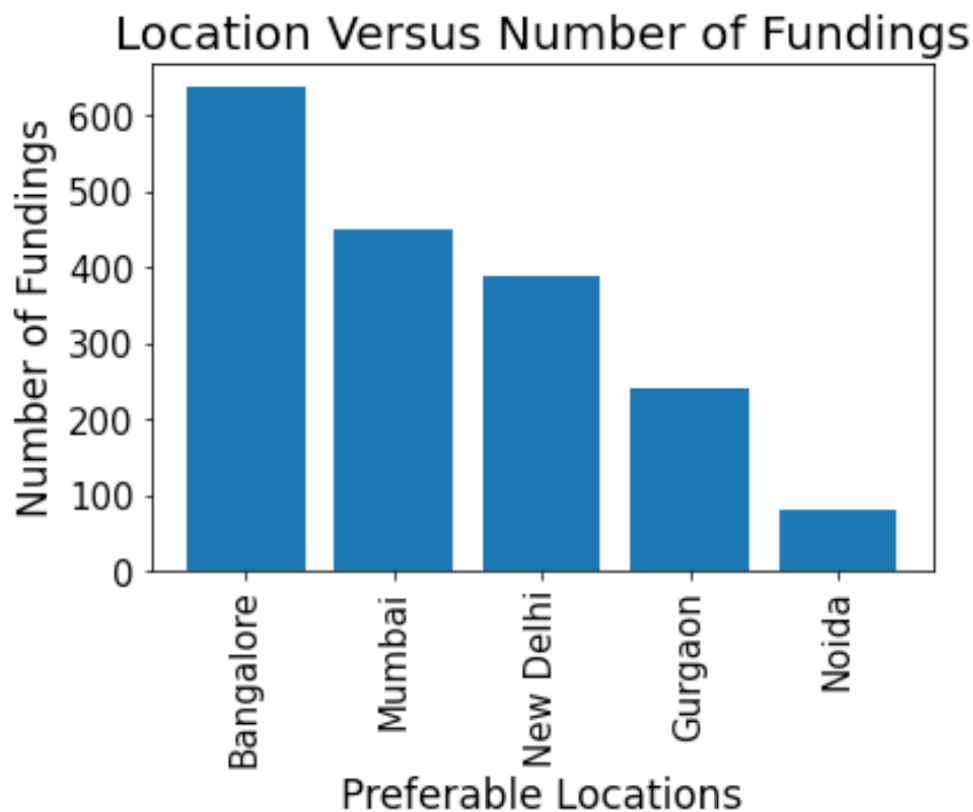


Project - Case Study(Part 2)

Question 1

Output:



Locations and respective number of times funding recieved:

Bangalore ---> 637

Mumbai ---> 449

New Delhi ---> 389

Gurgaon ---> 241

Noida ---> 79

Maximum funding is done in Bangalore

Explanation:

Made a list of required locations and corrected names as specified . Now made a dictionary with preferable locations and number of investments done there and plotted a graph considering the same . Also, I used numpy arrays for faster execution.

Question 2

Output:

Top 5 investors:

Sequoia Capital ---> 64

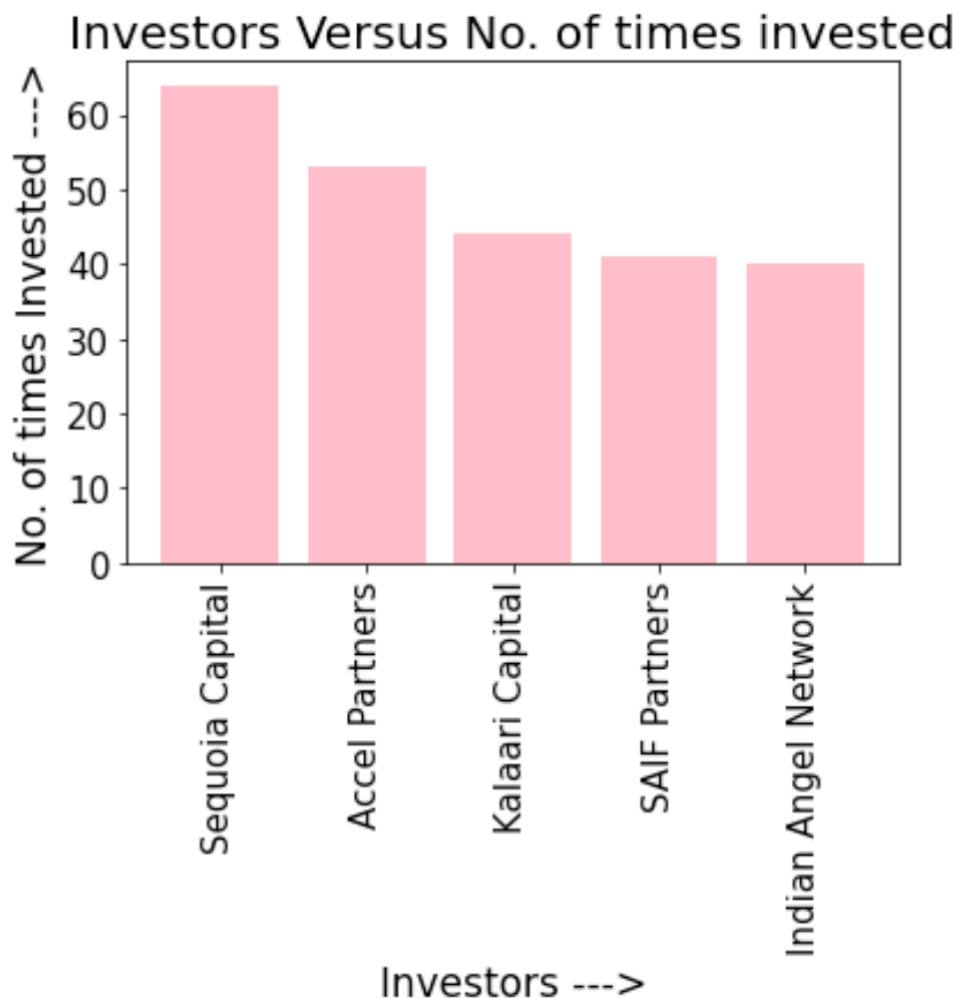
Accel Partners ---> 53

Kalaari Capital ---> 44

SAIF Partners ---> 41

Indian Angel Network ---> 40

Top investor is Sequoia Capital

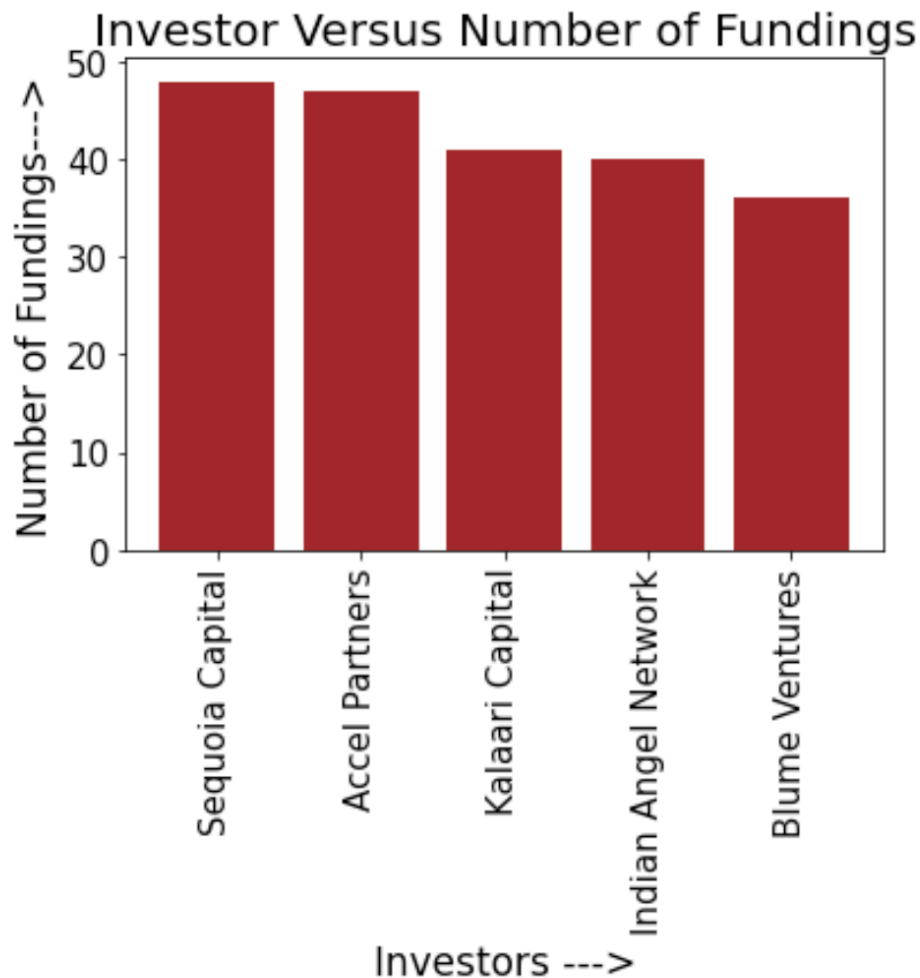


Explanation:

I made a data frame using Pandas library and then removed all the Nan entries in the InvestorName column, further cleaned the data by removing the 'Undisclosed Investors'. Then, I made a list of investors and using a dictionary I found the number of times investments are made by investors. I used numpy arrays in between as shown in my code for faster execution and ease of use upto certain extent. The arrays are arranged as per the question requirement and a bar graph was also made using the same.

Question 3

Output:



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

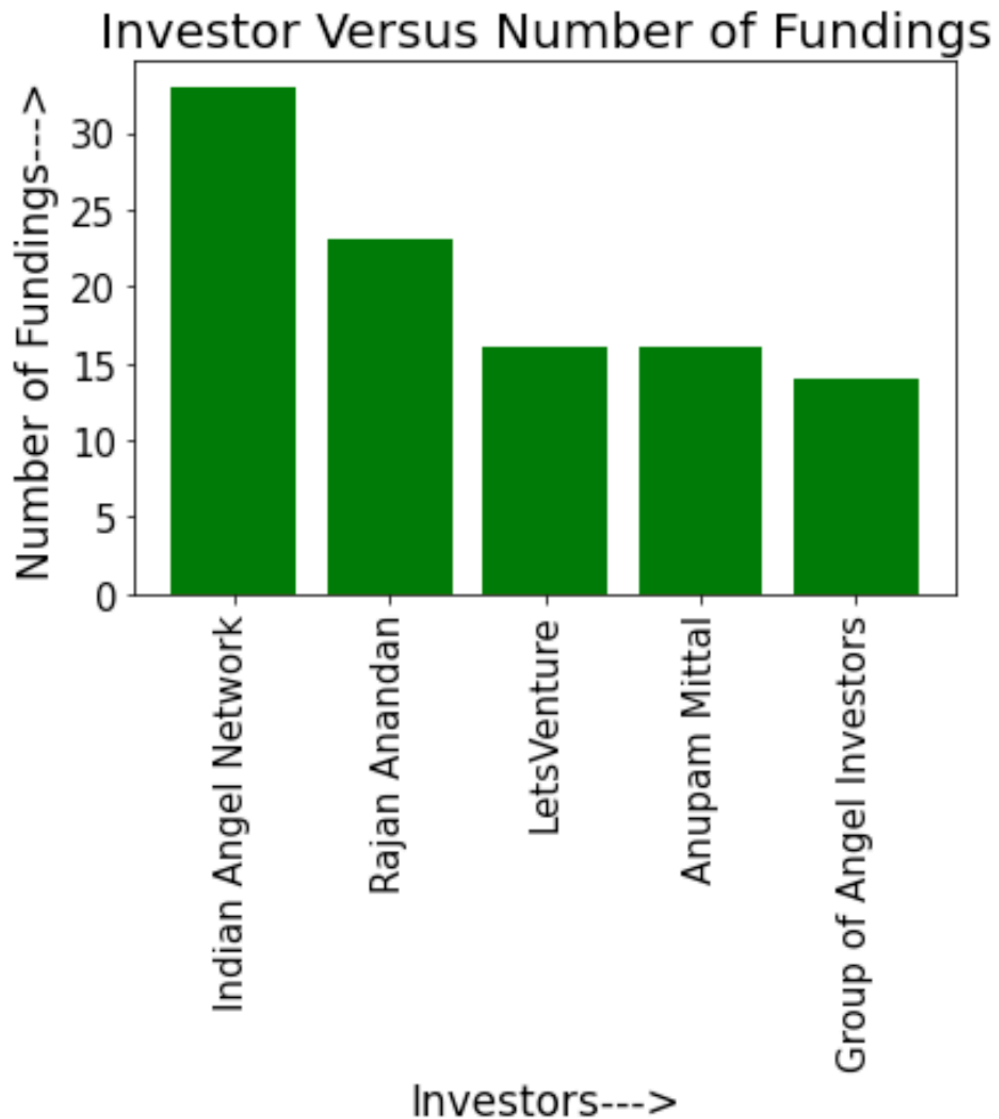
Top investor is Sequoia Capital

Explanation:

I made a pandas dataframe and removed all the Nan entries from InvestorName and StartupName column. A numpy array of startups and investors was made and investors names are corrected as specified . Then, using dictionary the investors who invested in different companies were found along with their respective number of fundings . A few more numpy arrays were made and required graphs were plot .

Question 4

Output:



Top 5 Investors are:
Indian Angel Network - 33
Rajan Anandan - 23
LetsVenture - 16
Anupam Mittal - 16
Group of Angel Investors - 14

Top investor is Indian Angel Network

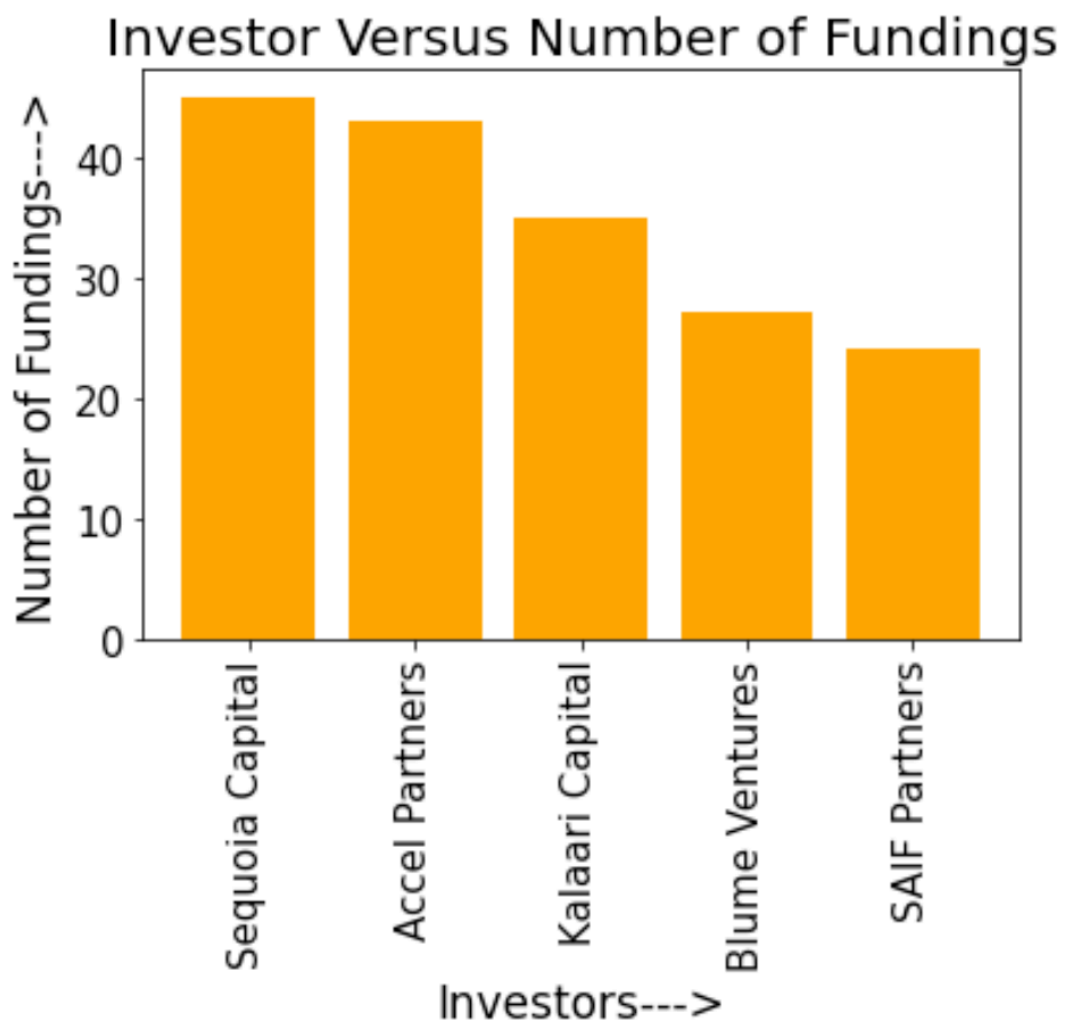
Explanation:

First I made a pandas data frame, found all the possible types of mistakes that were made in the types of investment and corrected them as specified.

Further, cleaned the dataframe to get only those entries where 'Seed Funding' or 'Crowd Funding' was done.
Using a dictionary I found the investors ,i.e., only those investors who were not --> 'empty' and 'Undisclosed Investors '
Numpy arrays were made as shown and bar graph was plot as shown above.

Question 5

Output:



Top 5 Investors are:
Sequoia Capital - 45
Accel Partners - 43
Kalaari Capital - 35
Blume Ventures - 27
SAIF Partners - 24

Top investor is Sequoia Capital

Explanation:

First I made a pandas data frame, found all the possible types of mistakes that were made in the types of investment and corrected them as specified. Then , necessary corrections were made in the investment type and startup names as specified using the replace function.

Further, cleaned the dataframe to get only those entries where 'Private Equity' was the investment type.

Using a dictionary I found the investors ,i.e., only those investors who were not --> 'empty' and 'Undisclosed Investors '

Numpy arrays were made as shown and bar graph was plot as shown above as specified.

Submitted by :

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