

Project Case Study - 2

Justification Report

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Solution for Problem Statement : 1

Location where the most number of funding is done

Number of startups in Bangalore: 635

Number of startups in Mumbai: 449

Number of startups in Gurgaon: 241

Number of startups in Noida: 79

Number of startups in New Delhi: 389

Maximum number of funding is done in Bangalore that is 637 times.

Explanation:

First I used the csv.Dict.Reader function to read the file that gives the data in dictionary format and then I taken a list of cities and this list is taken to numpy array then I have corrected the names of cities and created a numpy array for each city required and plotted a bar graph for that scenario.

Solution for Problem Statement : 2

Top 5 investors who have invested maximum number of times

Sequoia Capital = 64

Accel Partners = 52

Kalaari Capital = 44

Indian Angel Network = 40

SAIF Partners = 40

Explanation:

First I used the `csv.DictReader` function to read the file that gives the data in dictionary format and then I taken a list of investors with given criteria and convert to dictionary with key as investor and value as number of times invested then I created two lists for investors and fundings, then I created a numpy array for those lists. I sorted that numpy arrays with corresponding to number of fundings done by that investor and I have taken first five values in that numpy arrays and plotted a bar graph for that scenario.

Solution for Problem Statement : 3

Top 5 Investors are:

Sequoia Capital - 48

Accel Partners - 47

Kalaari Capital - 41

Indian Angel Network - 40

Blume Ventures - 36

Explanation:

First I used the `read_csv` function to read the data that gives a data frame and then I corrected the names of startups using `replace` function and then I taken the names of startups and investors using dictionary and list to count the number of funding done by investors in different startups, then with the help of numpy I found out the top five investors and plotted a bar graph for that scenario.

Solution for Problem Statement : 4

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

Explanation:

First I used the read_csv function to read the data that gives a data frame and then I corrected the names of startups using replace function. I have used dictionary, list to count the number of fundings done by investors in different startups, then with the help of numpy I found out the top five investors and plotted a bar graph for that scenario.

Solution for Problem Statement : 5

Top 5 Investors for Investment type- Private Equity are:

Sequoia Capital - 45

Accel Partners - 43

Kalaari Capital - 35

Blume Ventures - 27

SAIF Partners - 24

Explanation:

First I used the read_csv function to read the data that gives a data frame and then I corrected the names of startups and investment types using replace function. I have made use of dictionary and list to count the

number of fundings done by investors in different startups, then with the help of numpy I found out the top five investors and plotted a bar graph for that scenario.