CASE-STUDY

NAME: RISHABH SINGH

EMAIL: rishabh261001@gmail.com

QUESTION-1

Language Used: Python 3

Libraries Used: pandas, numpy, matplotlib

Reason for libraries:

1->Libraries like pandas and numpy are used for processing the dataset, especially tabular data

2->As we know a dataset can be full of errors, missing values etc., so the processing and extraction of useful data becomes an important step. Thus the usage of libraries like pandas and numpy becomes essential.
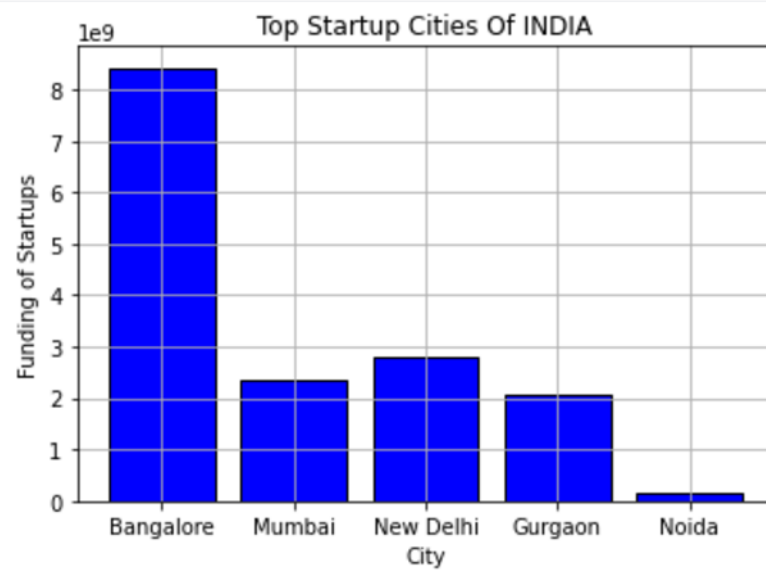
3->Matplotlib is used to plot the data into various types of graphs which helps in analyzing the given data

Explanation:

As the graph suggests that Bangalore is the city to receive maximum times of funding. The reason because Bangalore isn't just an IT hub, but it is also one of the best cities to live in India. In fact, the city is popularly known as 'the Silicon Valley of India'. Bangalore is India's top IT exporter. Needless to say, Bangalore is home to not just some of the top companies in the world but also some incredible startups.

Thus, Bangalore is the city to start a startup.

Graph:

QUESTION-2

Language Used: Python 3

Libraries Used: pandas, numpy, matplotlib

Reason for libraries:

1-> Libraries like pandas and numpy are used for processing the dataset, especially tabular data

2->As we know a dataset can be full of errors, missing values etc., so the processing and extraction of useful data becomes an important step. Thus the usage of libraries like pandas and numpy becomes essential.

3->Matplotlib is used to plot the data into various types of graphs which helps in analyzing the given data

Explanation:

So, the top investors according to given dataset are:

Sequoia Capital
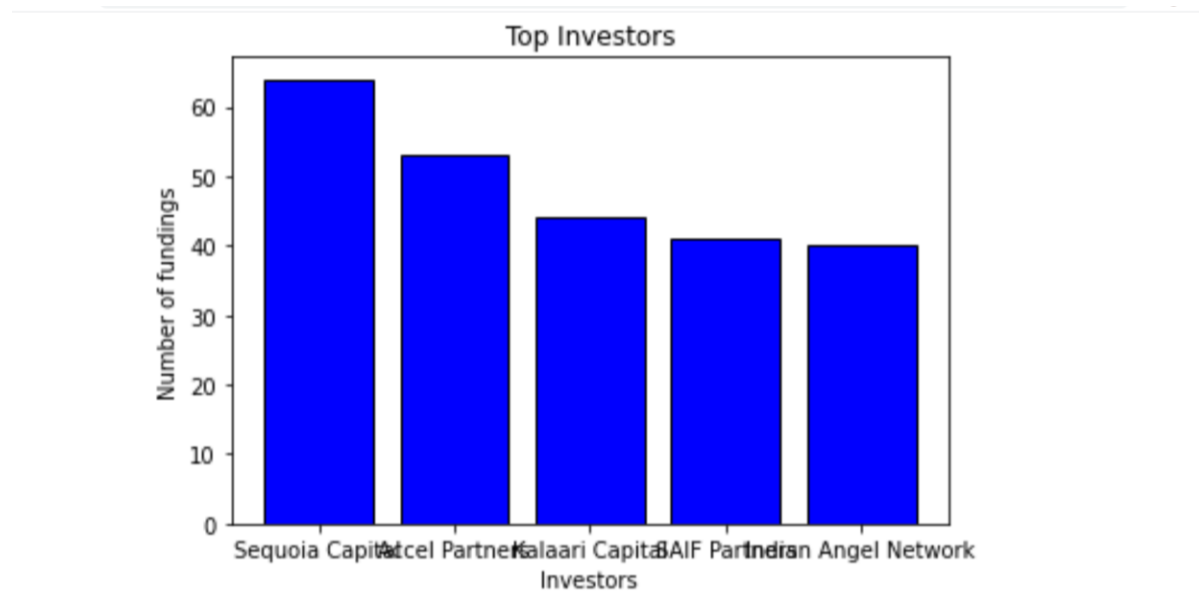
Accel Partners

Kalaari Capital

SAIF Partners

Indian Angel Network

Sequoia Capital is an American venture capital firm. The firm is headquartered in Menlo Park, California and mainly focuses on the technology industry. It has backed companies that now control $1.4 trillion of combined stock market value. They have made about 1,275 investments of which 365 were successful exits. Their success rate jumps to 63% when they are the lead investor. Some of its most notable exits are NVIDIA, Instagram, ServiceNow and more.

So Sequoia Capital, are the ideal investors.

Graph:

QUESTION-3

Language Used: Python 3

Libraries Used: pandas, numpy, matplotlib

Reason for libraries:

1-> Libraries like pandas and numpy are used for processing the dataset, especially tabular data

2->As we know a dataset can be full of errors, missing values etc., so the processing and extraction of useful data becomes an important step. Thus the usage of libraries like pandas and numpy becomes essential.

3->Matplotlib is used to plot the data into various types of graphs which helps in analyzing the given data

Explanation:

So, the top investors investing in different startups according to given dataset are:

Shailesh Rao

Jungle Ventures

Accel Partners

Rocketship

International Finance Corporation

Shailesh Rao is the ideal investor for an Indian startup, because he has invested in many Indian startups like Moglix, Vayana, 4tigo, Mech Mocha, Ninjacart, Sigtuple etc., being an Indian himself and having a tech-background he understands the mindset of people of India and tech startups

QUESTION-4

Language Used: Python 3

Libraries Used: pandas, numpy, matplotlib

Reason for libraries:

1-> Libraries like pandas and numpy are used for processing the dataset, especially tabular data

2->As we know a dataset can be full of errors, missing values etc., so the processing and extraction of useful data becomes an important step. Thus the usage of libraries like pandas and numpy becomes essential.

3->Matplotlib is used to plot the data into various types of graphs which helps in analyzing the given data

Explanation:

So, the top investors investing in different startups and their investment type is Crowdfunding or Seed Funding according to given dataset are:

Ratan Tata

Indian Angel Network

Kalaari Capital

Group of Angel Investors

Sequoia Capital

Seed funding is the first official equity funding stage. It typically represents the first official money that a business venture or enterprise raises. Some companies never extend beyond seed funding into Series A rounds or beyond. ... This early financial support is ideally the "seed" which will help to grow the business.

Sequoia Capital is an American venture capital firm. The firm is headquartered in Menlo Park, California and mainly focuses on the technology industry. It has backed companies that now control $1.4 trillion of combined stock market value. They have made about 1,275 investments of which 365 were successful exits. Their success rate jumps to 63% when they are the lead investor. Some of its most notable exits are NVIDIA, Instagram, ServiceNow and more.

So Sequoia Capital, are the ideal investors.

QUESTION-5

Language Used: Python 3

Libraries Used: pandas, numpy, matplotlib

Reason for libraries:

1-> Libraries like pandas and numpy are used for processing the dataset, especially tabular data

2->As we know a dataset can be full of errors, missing values etc., so the processing and extraction of useful data becomes an important step. Thus the usage of libraries like pandas and numpy becomes essential.

3->Matplotlib is used to plot the data into various types of graphs which helps in analyzing the given data

Explanation:

So, the top investors investing in different startups and their investment type is Private Equity according to given dataset are:

Ratan Tata

Indian Angel Network

Kalaari Capital

Group of Angel Investors

Sequoia Capital

Private equity is an alternative investment class and consists of capital that is not listed on a public exchange. Private equity is composed of funds and investors that directly invest in private companies, or that engage in buyouts of public companies, resulting in the delisting of public equity.

Indian Angel Network (IAN) is a group of primarily Indian angel investors funding early-stage startups. The group had 450 members from 11 countries in 2017. The group has invested in companies, such as PregBuddy and SuperProfs. The aim is to work together to source, cross-refer, and promote linkages in technology-enabled startups in India and Bangladesh to create an enabling environment for venture investing in both ecosystems.

Thus, Indian Angel Network is the ideal investor for private equity.

Graph: