

CASE STUDY: QUESTIONS AND ANSWERS

This dataset has funding information of the Indian startups from January 2015 to August 2017.

Feature Details:

SNo – Serial number.

StartupName – Name of the startup which got funded.

IndustryVertical – Industry to which the startup belongs.

SubVertical – Sub-category of the industry type.

CityLocation – City which the startup is based out of.

InvestorsName – Name of the investors involved in the funding round.

AmountInUSD – Funding Amount in USD.

Remarks – Other information, if any.

Question 1:

1. Find out what type of startups are getting funded in the last few years?
2. Who are the important investors?

Answer:

These are the top 10 categories of startups that are getting funded these days.

Startup type	
0	Technology
1	Consumer Internet
2	eCommerce
3	Logistics
4	Others
5	Healthcare
6	Food & Beverage
7	ECommerce
8	Finance
9	Education

These are the top 20 investors with the total number of investments.

	Investors_names	Total number of investments
0	Ratan Tata	24
1	Indian Angel Network	24
2	Kalaari Capital	16
3	Group of Angel Investors	15
4	Sequoia Capital	14
5	RoundGlass Partners	10
6	Brand Capital	10
7	Accel Partners	9
8	SAIF Partners	9
9	Info Edge (India) Ltd	8
10	Unitus Seed Fund	7
11	Tiger Global	7
12	Nexus Venture Partners	7
13	YouWeCan Ventures	7
14	Trifecta Capital	6
15	Blume Ventures	6
16	ah! Ventures	5
17	SRI Capital	5
18	The Chennai Angels	5
19	India Educational Investment Fund	5

Question 2:

Check the trend of investments over the years. To check the trend, find -

- Total number of fundings done in each year, in ascending order.
- Plot a line graph between year and number of fundings. Take year on x-axis and number of fundings on y-axis.

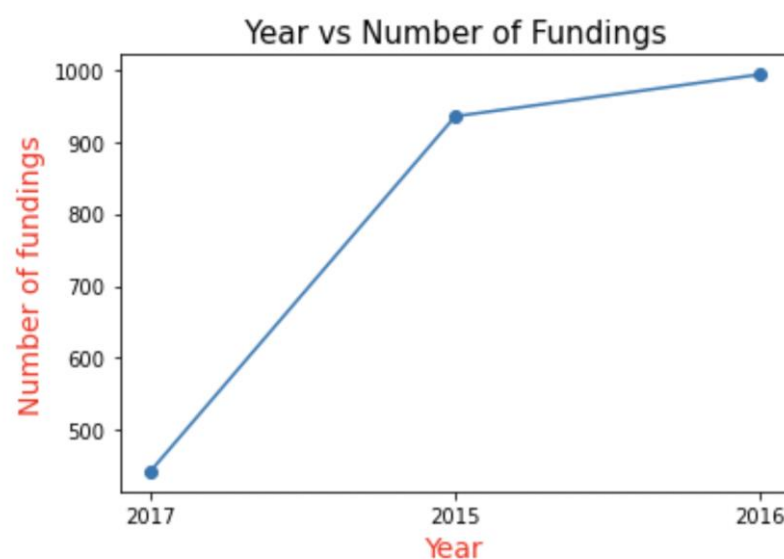
Note: There is some error in the 'Date' feature. Make sure to handle that.

Answer:

Total number of fundings done in each year is shown below in the table.

	Year	Total no. of Investments
0	2016	993
1	2015	935
2	2017	443

Line graph between year and number of fundings done in each year.

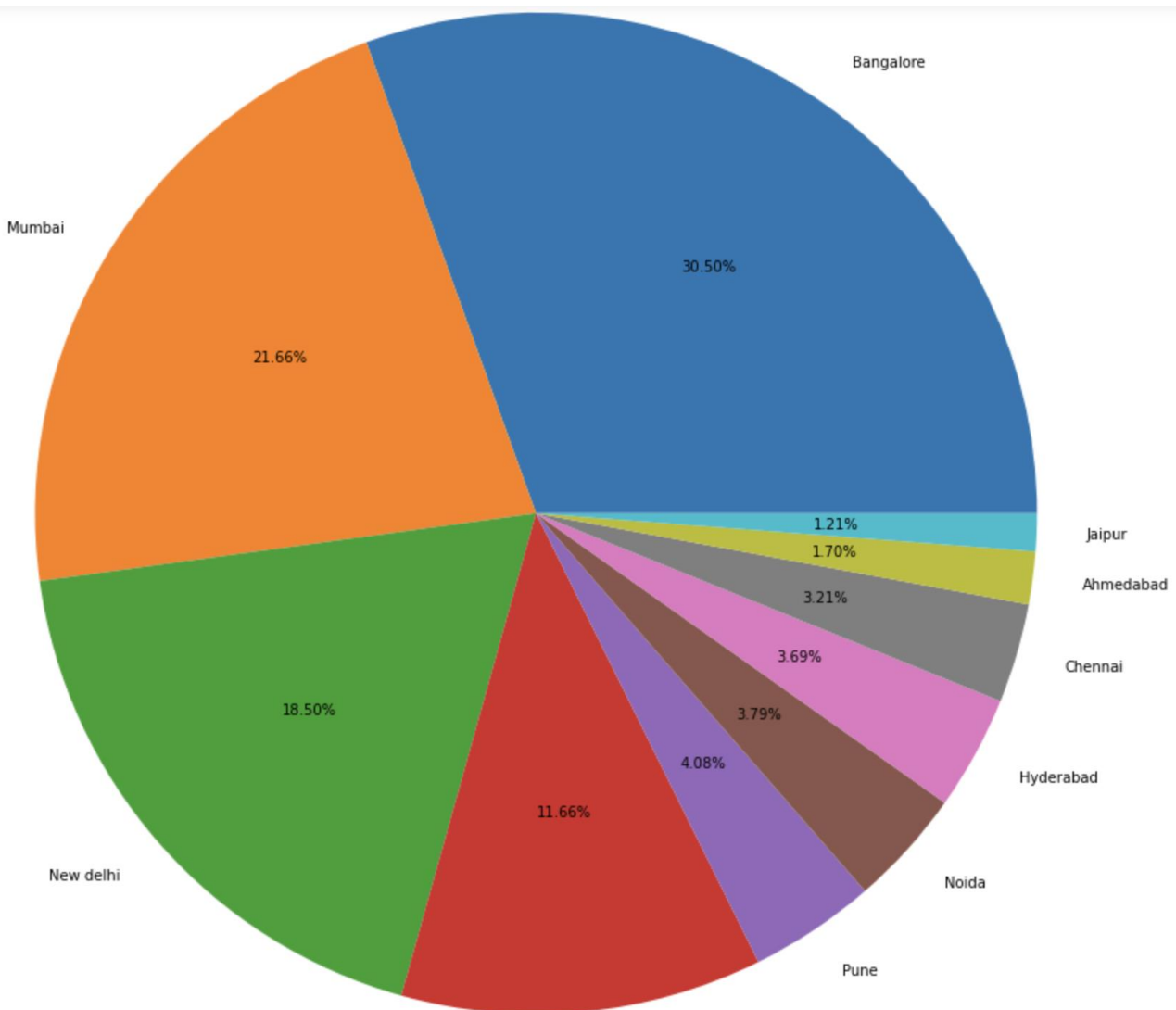


Question 3:

- Find out which cities are generally chosen for starting a startup.
- Find top 10 Indian cities which have most number of startups.
- Plot a pie chart and visualise it.
- Print the city and number of startups in that city also.

Answer:

Pie chart for top 10 Indian cities which have the greatest number of startups.



It can be seen for the pie chart that Bangalore is the city which has the highest number of startups. Then, Mumbai followed by New Delhi and many other cities.

Among these 10 cities, 30.50 % startups are situated in Bangalore. Jaipur has the smallest number of startups among these 10 cities.

The table shows the number of startups in each city, arranged in ascending order by the total number of startups.

	City	Total no. of startups
0	Bangalore	628
1	Mumbai	446
2	New delhi	381
3	Gurgaon	240
4	Pune	84
5	Noida	78
6	Hyderabad	76
7	Chennai	66
8	Ahmedabad	35
9	Jaipur	25

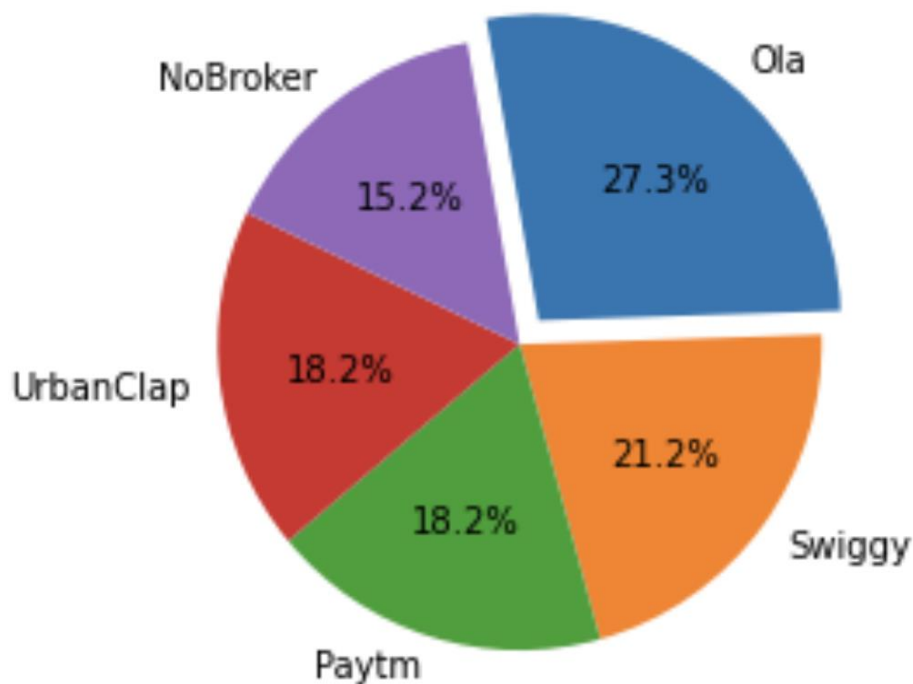
Question 4:

Find the top 5 startups who received the greatest number of funding rounds.
The startups which got fundings maximum number of times.

Print the startup name in descending order with respect to the number of funding round as integer value.

Answer:

5 startups who received the most number of funding rounds

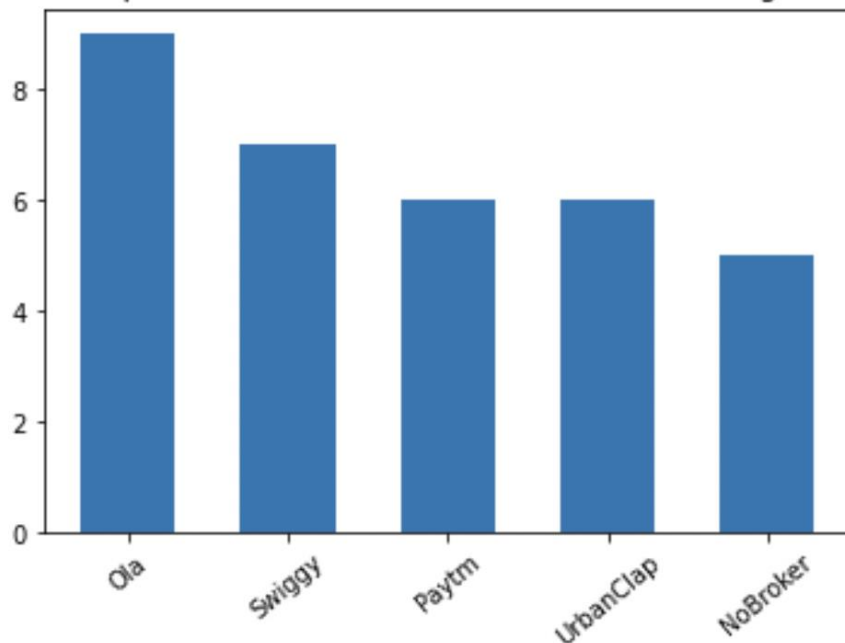


It can be seen for the above pie chart that Ola is the startup who received the greatest number of fundings round during the given period.

Ola received 27.3% of the funding rounds among the above 5 startups, followed by NoBroker.

	Startup	No of funding rounds
0	Ola	9
1	Swiggy	7
2	Paytm	6
3	UrbanClap	6
4	NoBroker	5

5 startups who received the most number of funding rounds



The table and the bar graph show the no. Of funding rounds for the top 5 startups.

It can be seen that Ola has total 9 funding rounds, which is the maximum among the 5 startups.

Question 5:

Find the investors who have invested maximum number of times.

Print the investor name and number of times invested as integer value.

Answer:

Top 5 investors with total number of investments made by them

	Investor	No. of investments
68	Sequoia Capital	64
24	Accel Partners	53
20	Kalaari Capital	44
224	SAIF Partners	41
61	Indian Angel Network	40