INT353
EDA PROJECT

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Report:-

UnicornCompaniesOfIndia

List of All the unicorn companies of India their sectors/Investors/Profit ......

About Dataset

This dataset gives you a brief description of Unicorn Companies in India.
Here we have listed 105 Indian Unicorn Companies, the total number of unicorns in India in 2022! Don't miss out on the regular updates in this list by bookmarking the article.

The year startups sort the following table are turned into a unicorn (The latest to the oldest).

Why I chose This:-

In this dataset I analysis the trends of different companies on what Industries were mostly successful and various other analysis which can help a new start-ups as well as matured companies to make right decision and to avoid the mistakes so that they can become more successful.

This dataset have 8 columns which contain Company name, est. year, Year which it became unicron, aquistion, etc.

In this project, you are required to do

- Exploratory Data Analysis
- Understand which Industry has most successful startups
- Average year to become Unicorn
- Which foundation year has most successful startups
- Max profitable Industry

UNICORN COMPANIES OF INDIA

	Startup_Name	Industry	Founding_Year	Unicorn_Entry_Year	Profit_in_2021	Current_Valuation	Acquisitions	IPO_Status
1	PhysicsWallah	Edtech	2016.0	2022.0	-$0.877 Million	$1.1 Billion	0.0	Unlisted
3	LeadSquared	SaaS- CRM	2011.0	2022.0	-$1 Million	$1 BIllion	0.0	Unlisted
5	ElasticRun	E-commerce Logistics	2015.0	2022.0	-$12 Million	$1.5 Billion	0.0	Unlisted
7	LEAD School	Edtech	2012.0	2022.0	-$15 Million	$1.1 Billion	1.0	Unlisted
9	Purplle	E-commerce Personal Care	2012.0	2022.0	-$6 Million	$1.1 Billion	1.0	Unlisted

```
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RangeIndex: 1858 entries, 0 to 1857
Data columns (total 8 columns):
 #   Column              Non-Null Count  Dtype
---  ------              --------------  -----
 0   Startup_Name        929 non-null    object
 1   Industry            929 non-null    object
 2   Founding_Year       104 non-null    float64
 3   Unicorn_Entry_Year  104 non-null    float64
 4   Profit_in_2021      67 non-null     object
 5   Current_Valuation   104 non-null    object
 6   Acquisitions        104 non-null    float64
 7   IPO_Status          104 non-null    object
dtypes: float64(3), object(5)
memory usage: 116.2+ KB
```
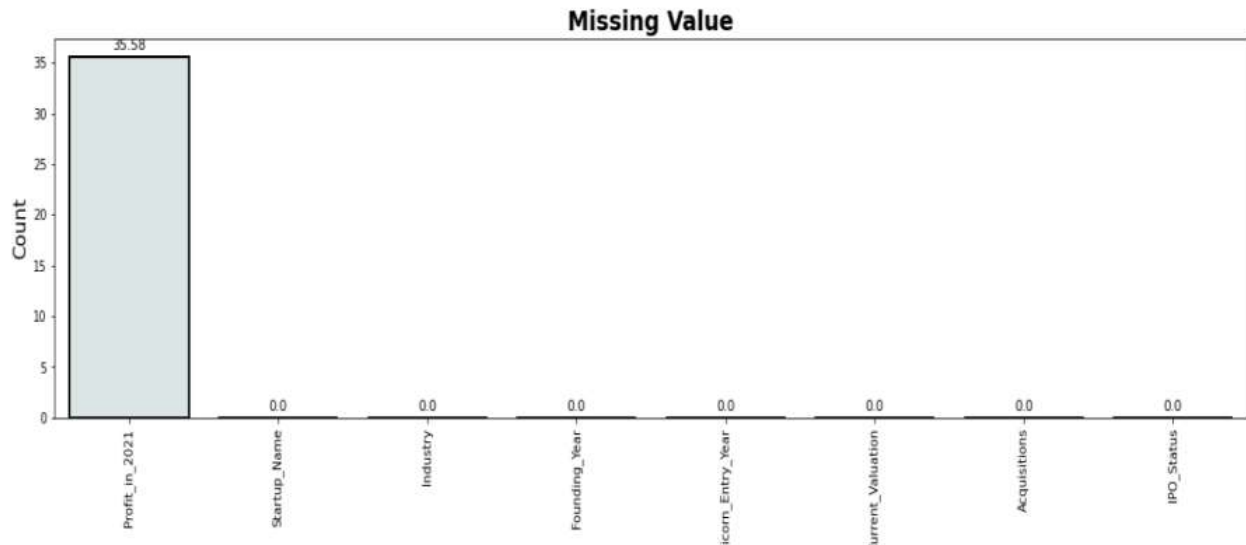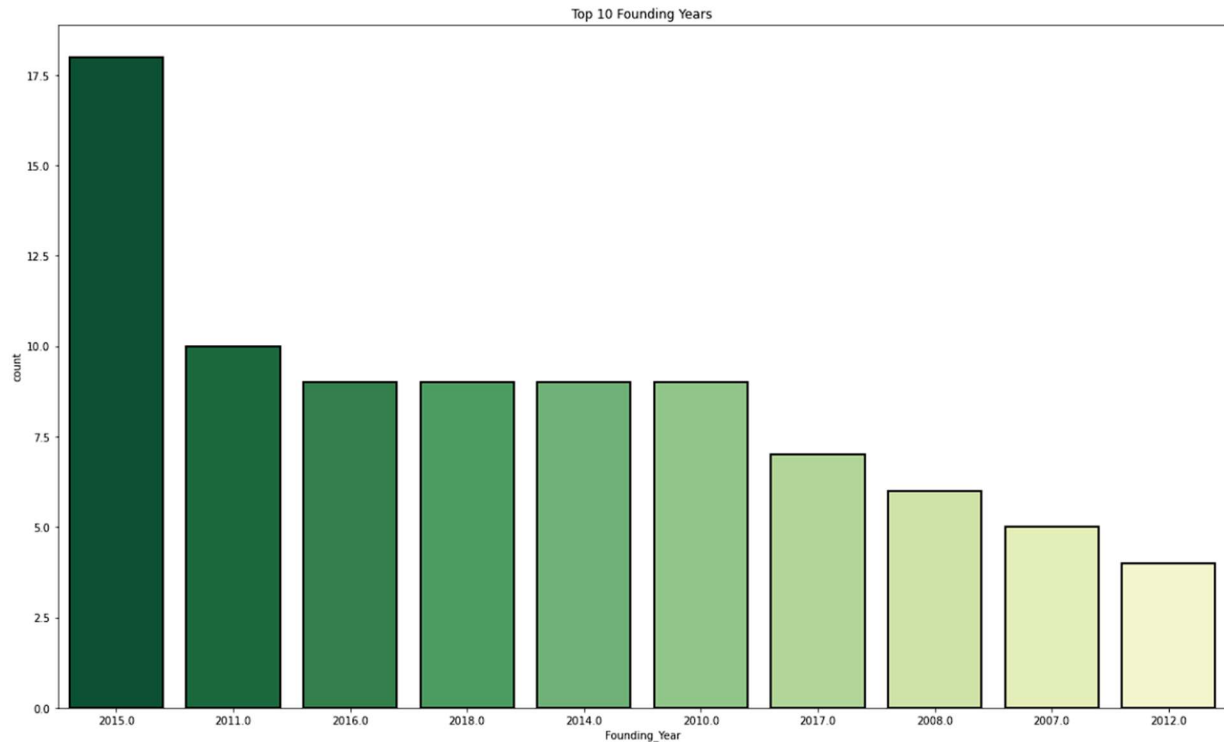
GRAPH OF MISSING VALUES

Missing Value

• Here we can see there is a lot of missing value
in the dataset.
• Remove the rows which don't have founding year because then we can't analyse them properly
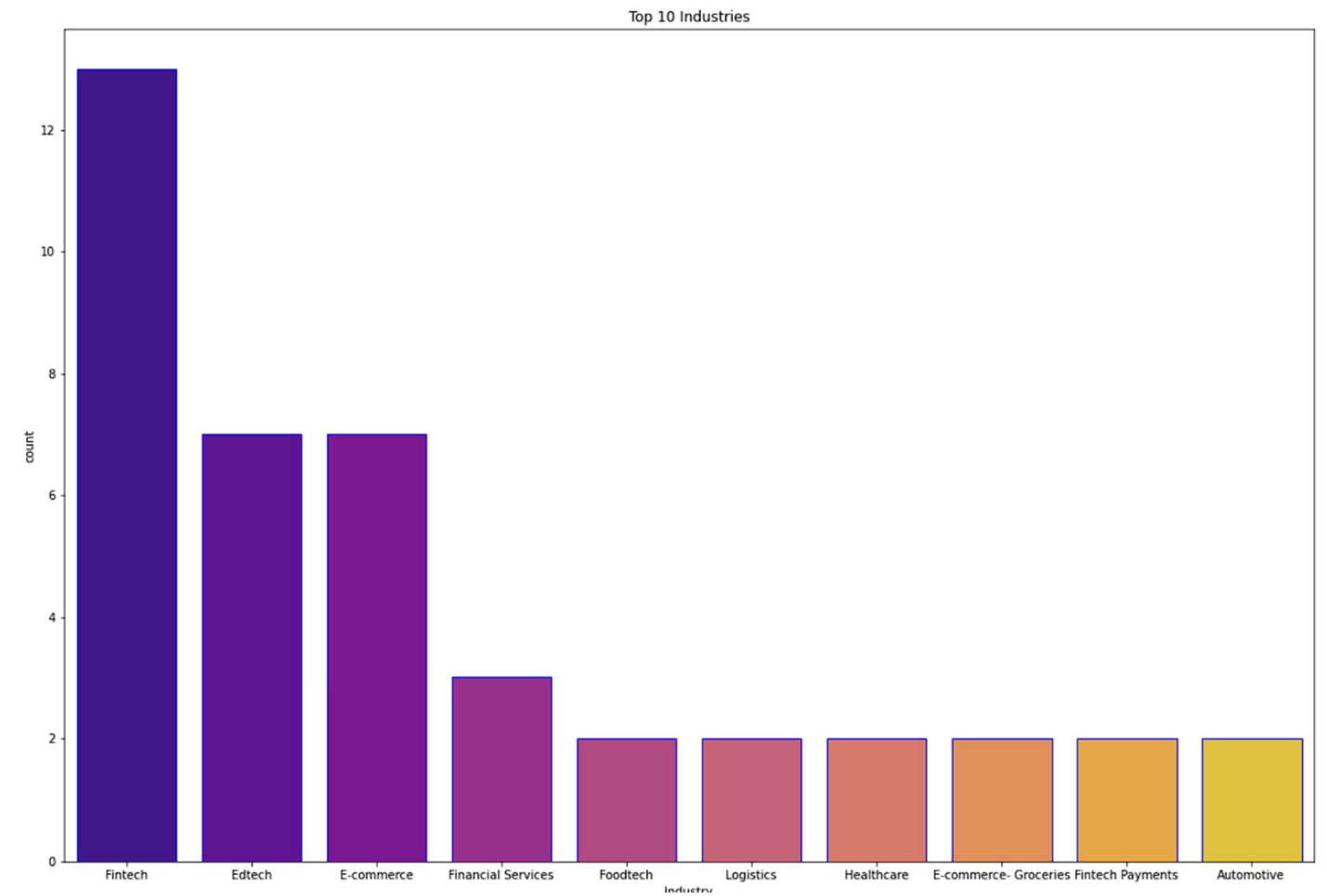
Missing Value

• After removing them we can see that there are very less missing values now we can do Analysis on this.
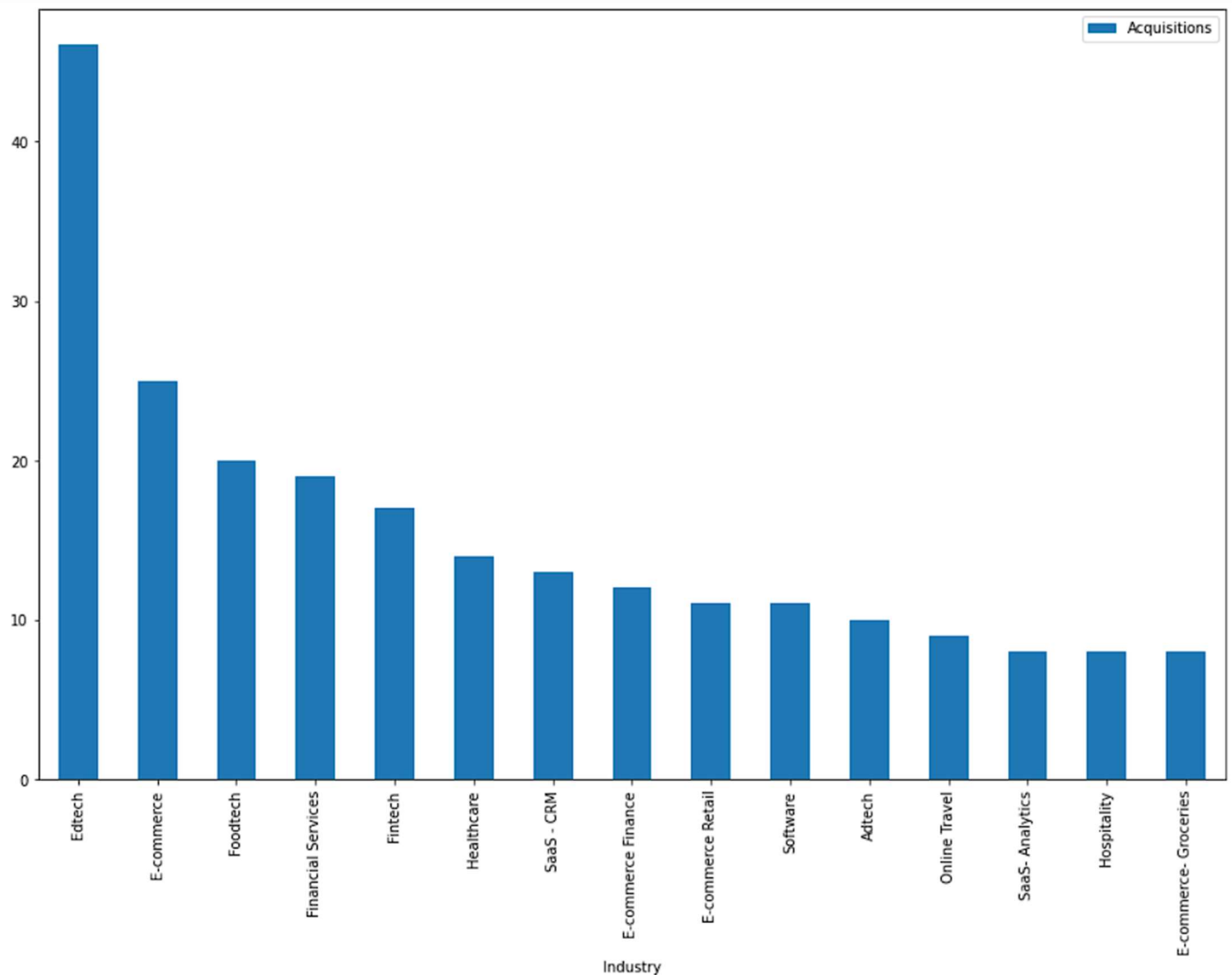
TOP 10 FOUNDATION YEARS

- As we can se there are most number of companies formed in 2015 have become unicorn company by 2022.

- Least is from years before 2005

- We can also observe that majority are from the years after the 2010.

TOP 10 Industries: -

Top 10 Industries

TOP 15 Industries with Most Acquisitions

Conclusion: -

- The main conclusion we can draw from here is that most of the companies that are Unicorn companies are the ones which were formed during the years of 2015 - 2016.

- Why these years were important because it was the time when Jio telecommunication brought the internet revolution in India

- This also goes hand in hand with the observation that the top 10 industries that are Unicorn in India are related to or have their main mode of operation as Internet.

- We also saw that it takes 7.37 years on average for a company to become Unicorn company.