Sri Kanyaka Parameswari Arts & Science College for Women
Department of Mathematics

DATA ANALYTICS

Charting the Course of Innovation: A Startup Analysis

Introduction:

The term startup refers to a company in the first stages of operations. Startups are founded by one or more entrepreneurs who want to develop a product or service for which they believe there is demand.

Team Leader:

A.Monisha

Team Members:

G.Hemavathi
B.Sudha
G.Kowsalya

Problem Definitions

Empathy

Build empathy

Tutorial Startup Analysis

Improves social and behavioural skills

Individual and Unique learning experience

Improves attitude towards learning and school

Think and feel

Technical knowledge

Communication

Active listening

See

User

Hear

Maintains professional boundaries

Adaptability

Good listener

Say and do

Improves the tutee's Self esteem

Ask your students to evaluate your performance

Encourages the freedom to ask questions

PAIN

Safety Concern

High cost

Significant expenses

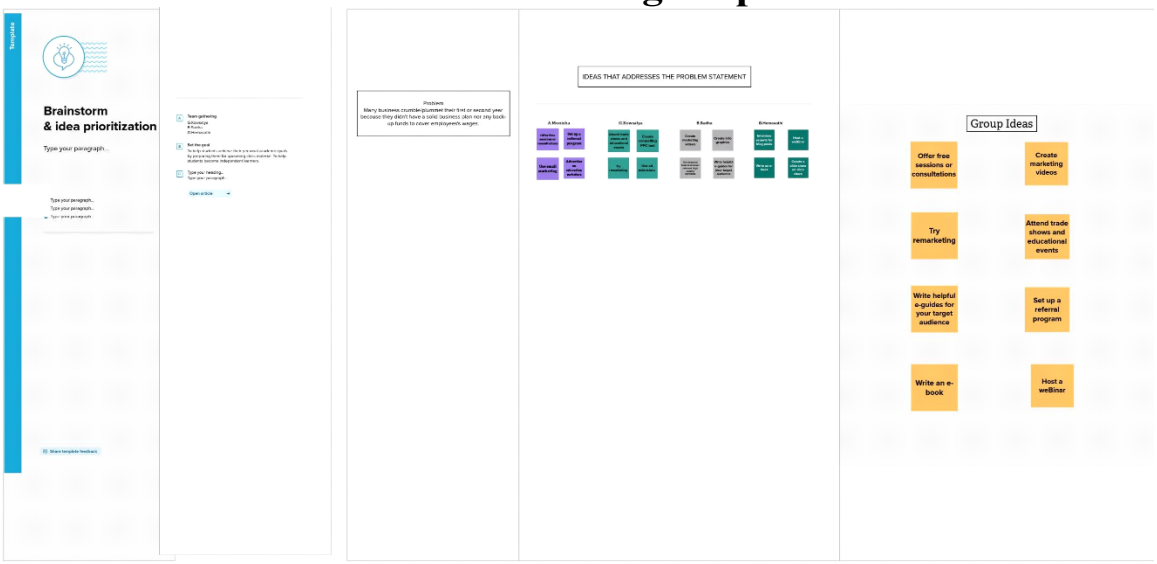
GAIN

Customized Approach and Pace

Fewer Distractions

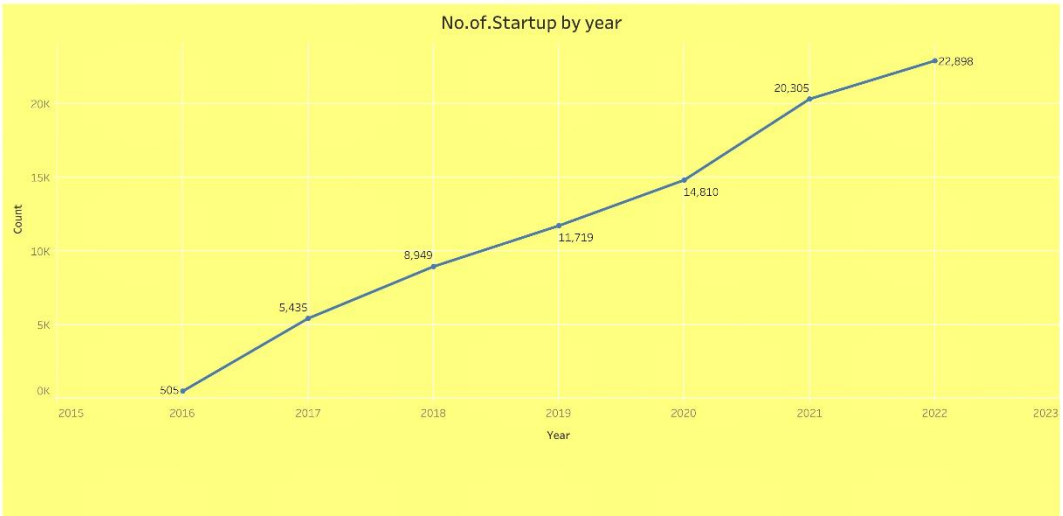
Expanded Intrinsic Motivation

Brainstorming Map

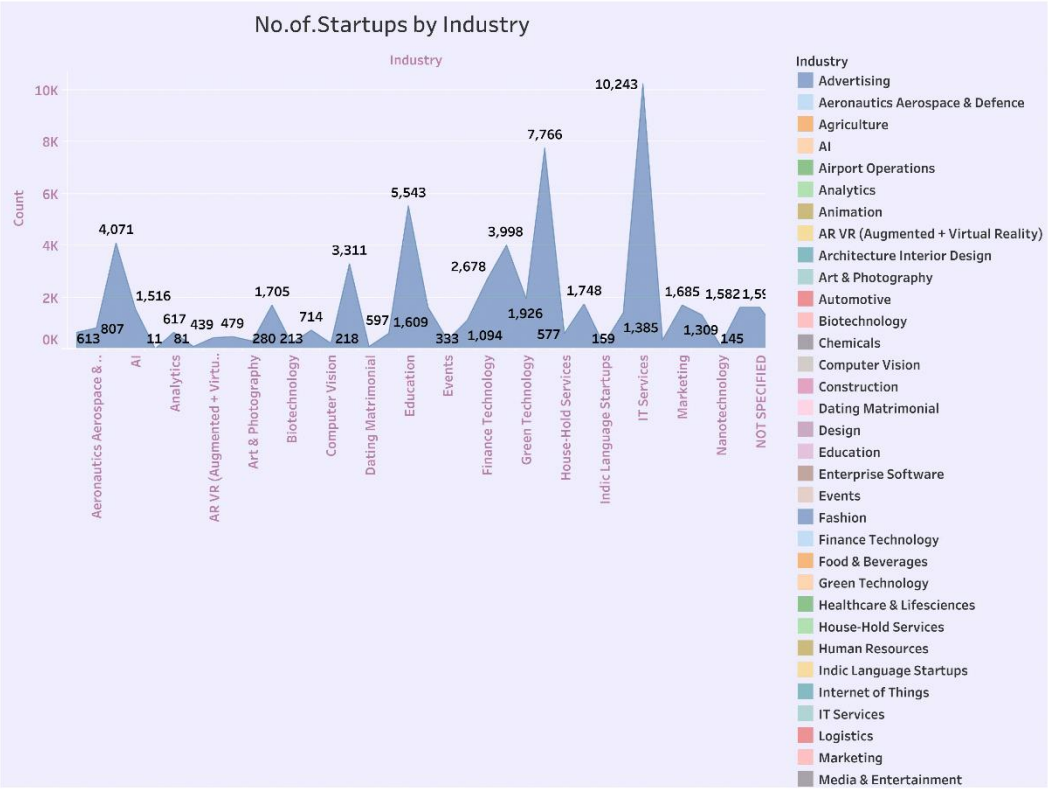


Data Visualizations

Number of Startups by Year

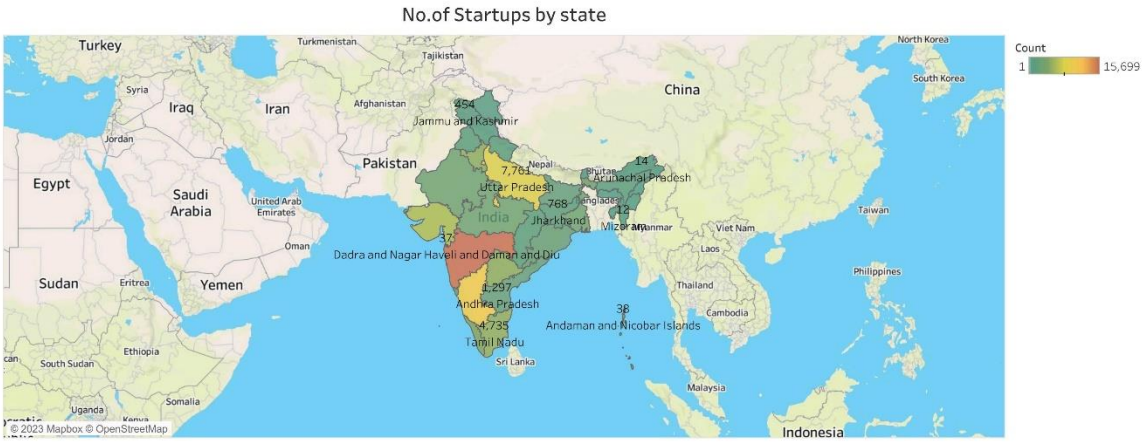


Number of Startups Industry Wise



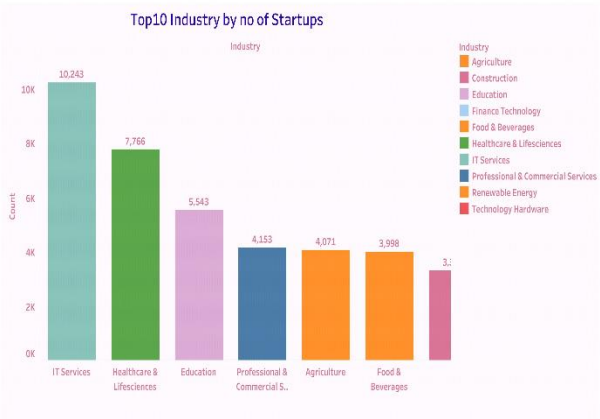
Highest No. of Startups in Industry: **IT Services (10243)**
Least No. of Startups in Industry:**Airport Operations (11)**

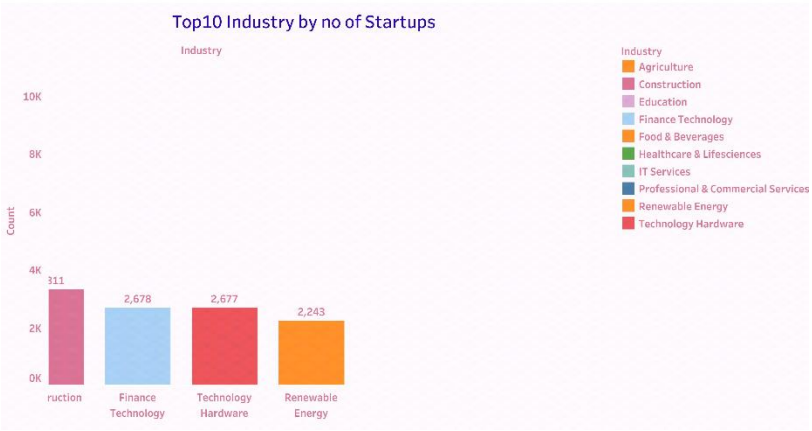
Number of startups by state



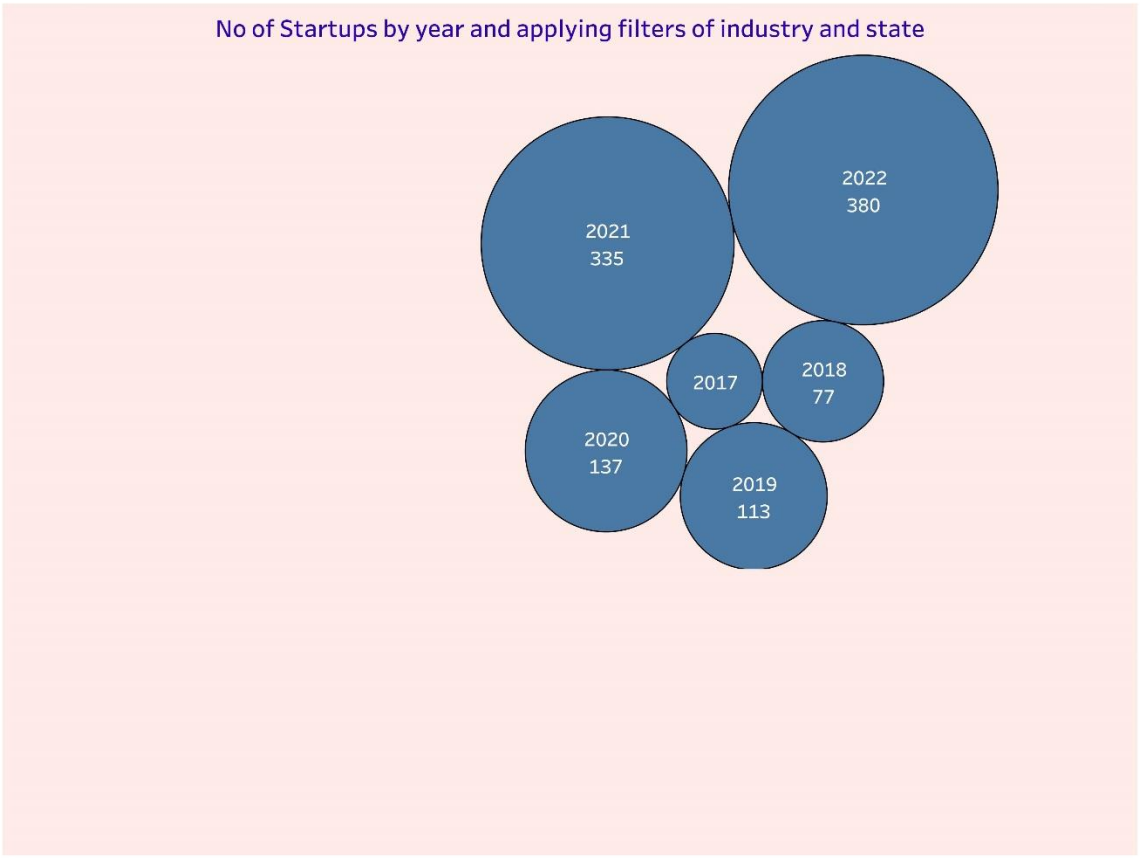
Highest No. of Startups in State: Maharashtra(15699)
Least No. of Startups in State:Ladakh(5)

Top 10 Industries by no of startups

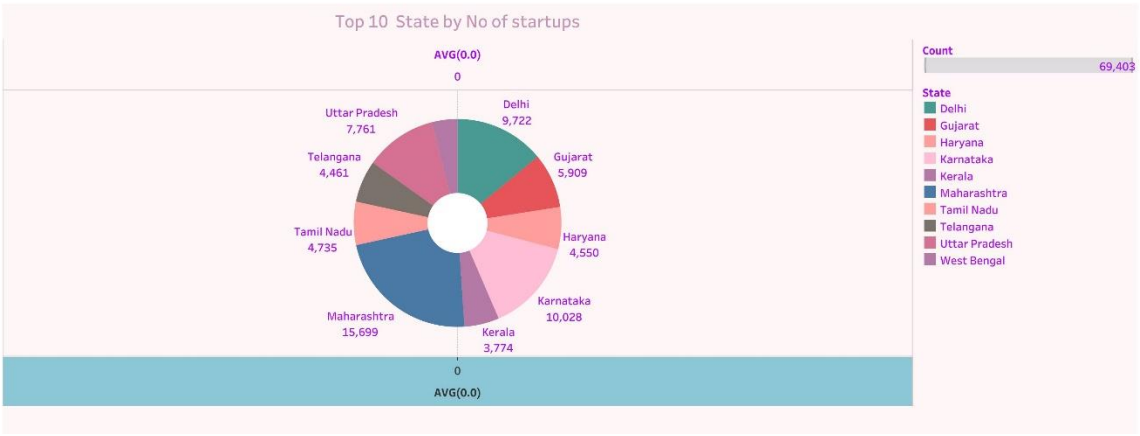




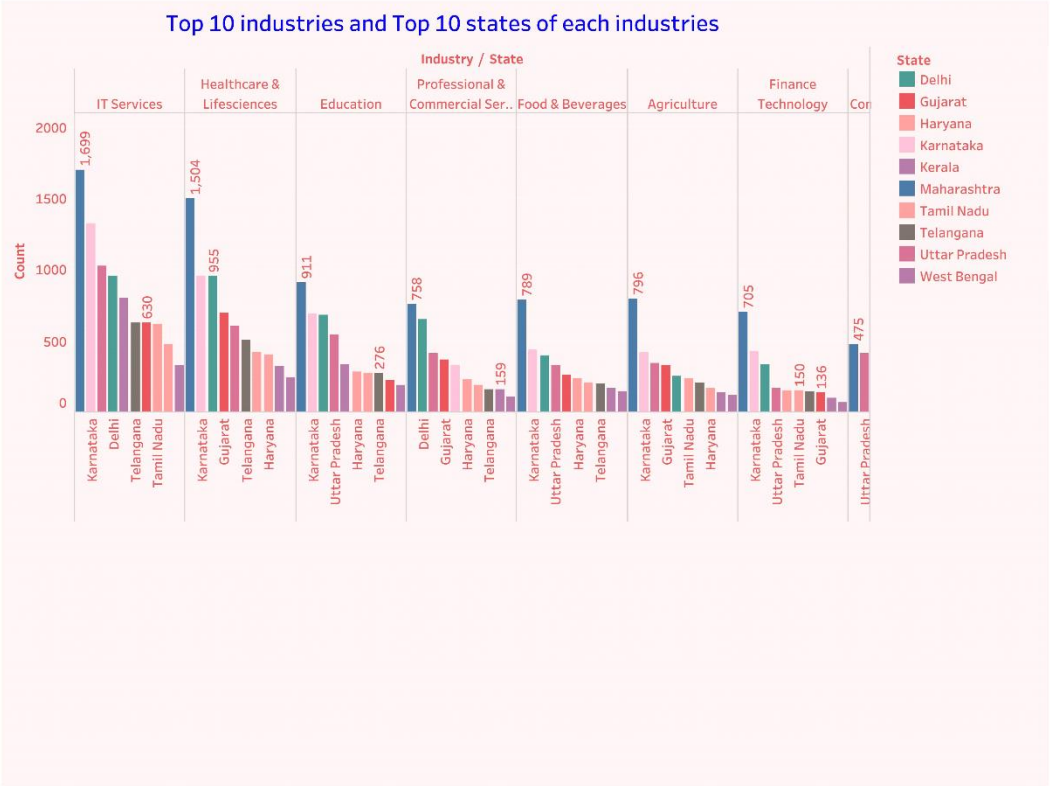
Number of Startups by year and applying filers of Industry and state



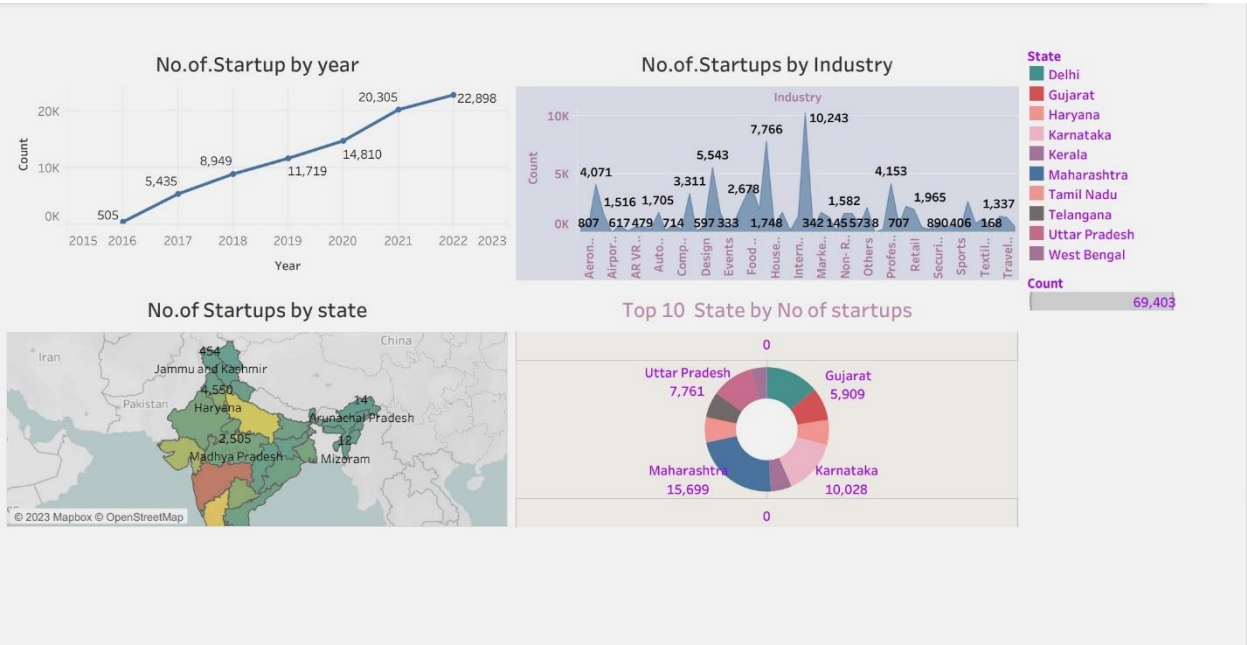
Top 10 State by no of Startups



Top 10 Industries and Top 10 States of each industry



Dashboard


No.of.Startup by year
Count
Year
505
5,435
8,949
11,719
14,810
20,305
22,898
No.of.Startups by Industry
Industry
Count
4,071
1,516
1,705
3,311
5,543
2,678
7,766
10,243
1,582
4,153
1,965
1,337
807
617
479
714
597
333
1,748
342
145
573
8
707
890
406
168
Aeron..
Airpor..
AR VR ...
Auto..
Comp..
Design
Events
Food ..
House..
Intern..
Marke..
Non- R..
Others
Profes..
Retail
Securi..
Sports
Textil..
Travel..
State
Delhi
Gujarat
Haryana
Karnataka
Kerala
Maharashtra
Tamil Nadu
Telangana
Uttar Pradesh
West Bengal
Count
69,403
No.of Startups by state
Iran
China
Pakistan
Jammu and Kashmir
454
Haryana
4,550
Arunachal Pradesh
14
Madhya Pradesh
2,505
Mizoram
12
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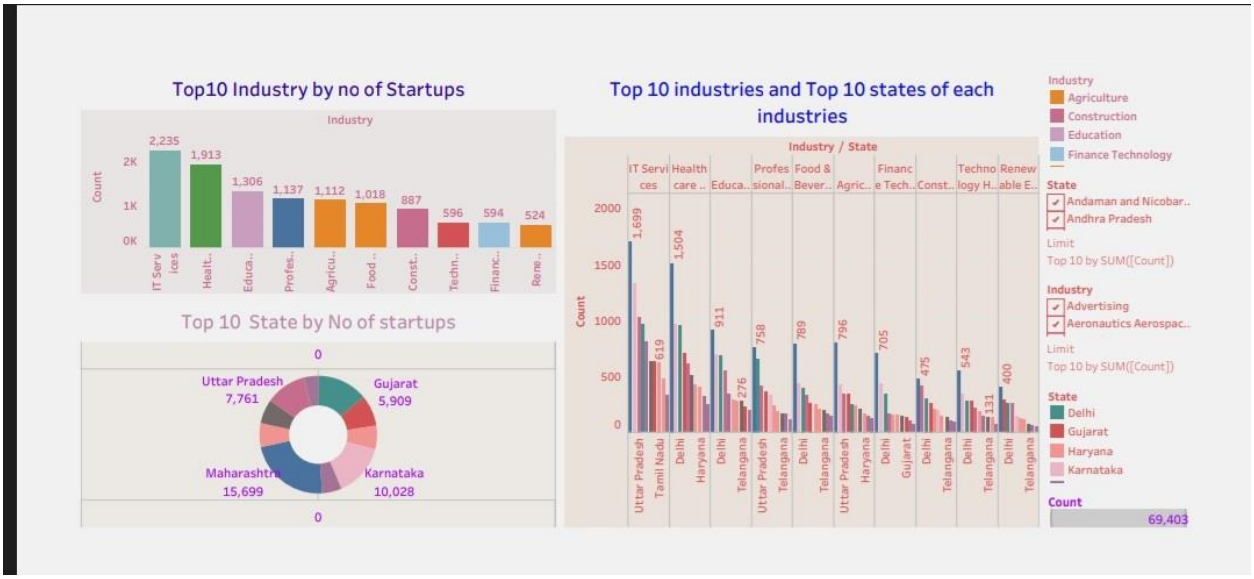
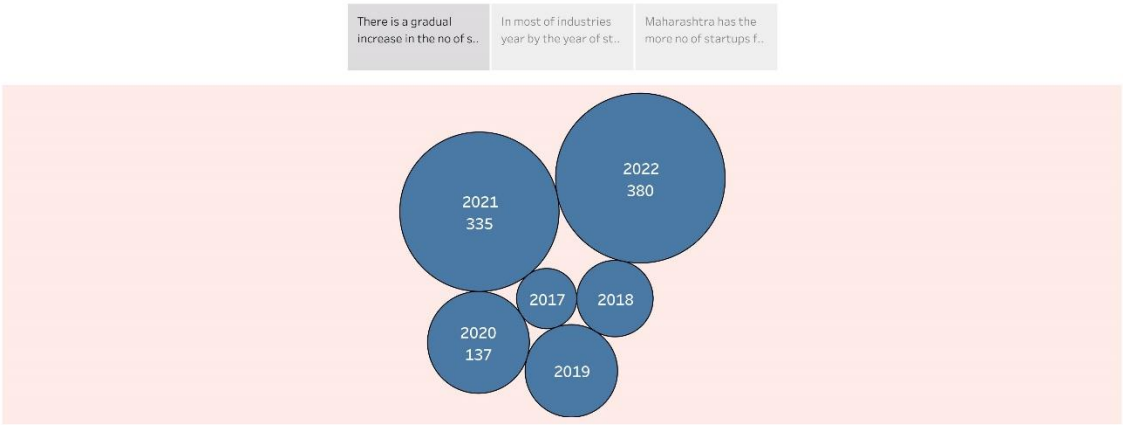
Top 10 State by No of startups
Uttar Pradesh
7,761
Gujarat
5,909
Maharashtra
15,699
Karnataka
10,028


Top10 Industry by no of Startups
Industry
Count
2,235
1,913
1,306
1,137
1,112
1,018
887
596
594
524
IT Serv ices
Healt..
Educa..
Profes..
Agricu..
Food ..
Const..
Techn..
Financ..
Rene..
Top 10 State by No of startups
Uttar Pradesh
7,761
Gujarat
5,909
Maharashtra
15,699
Karnataka
10,028
Top 10 industries and Top 10 states of each industries
Industry / State
Count
IT Servi ces
Health care ..
Educa..
Profes sional..
Food & Bever..
Agric..
Financ e Tech..
Const..
Techno logy H..
Renew able E..
1,699
619
1,504
911
276
758
789
796
705
475
543
131
400
Uttar Pradesh
Tamil Nadu
Delhi
Haryana
Telangana
Gujarat
Industry
Agriculture
Construction
Education
Finance Technology
State
Andaman and Nicobar..
Andhra Pradesh
Limit
Top 10 by SUM([Count])
Industry
Advertising
Aeronautics Aerospac..
Limit
Top 10 by SUM([Count])
State
Delhi
Gujarat
Haryana
Karnataka
Count
69,403

Story 1

Story 1

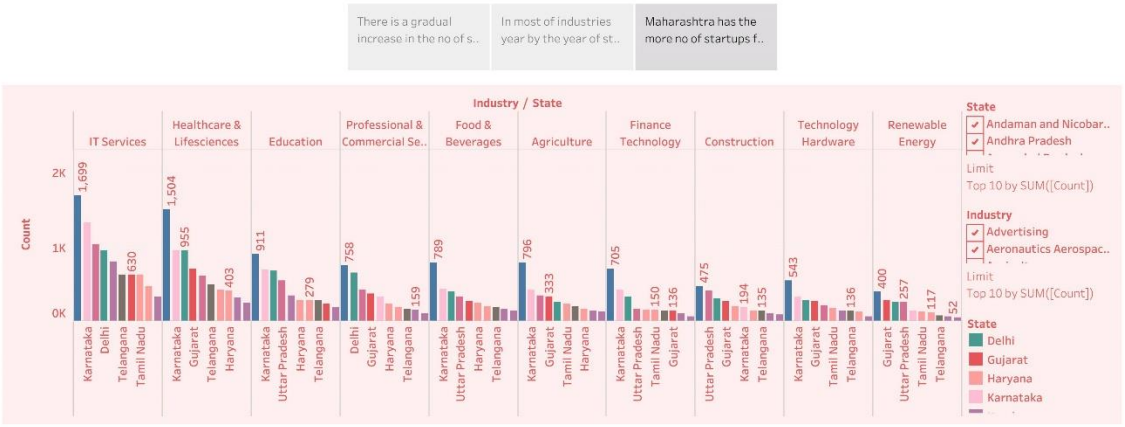


Story 2

Story 1

Story 3

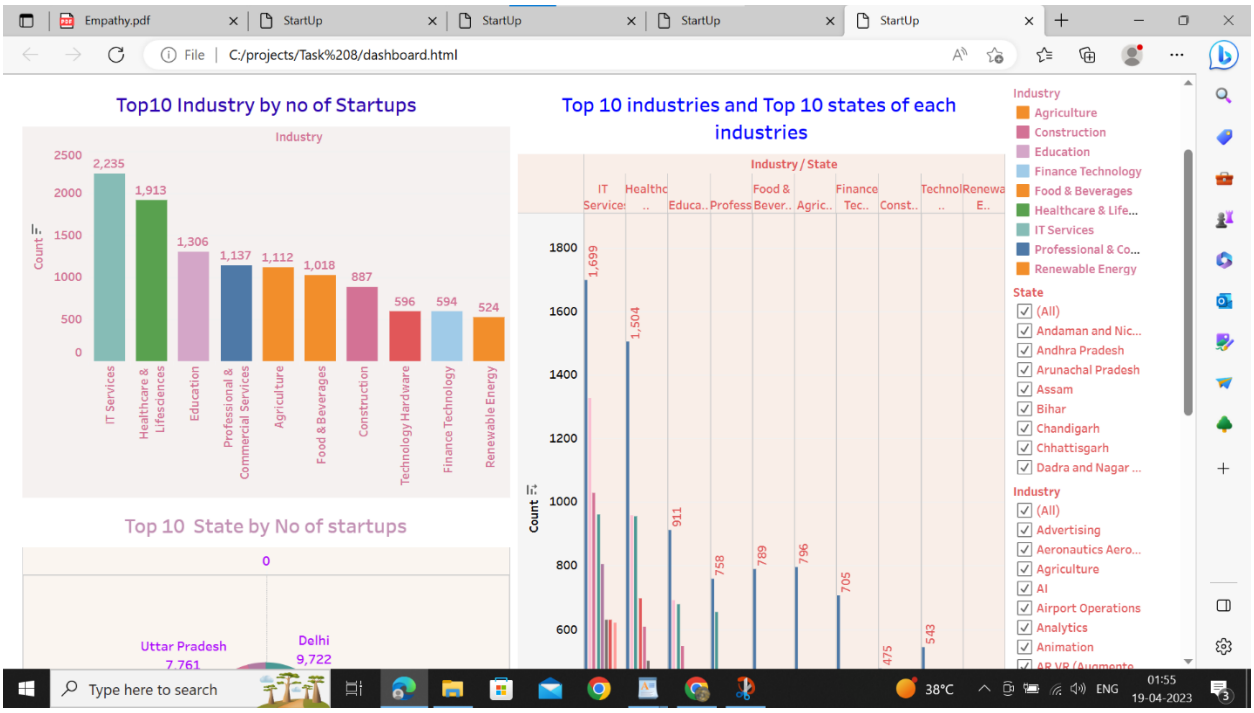
Story 1



Web integration

Dashboard

file:///C:/projects/Task%208/dashboard.html



Story

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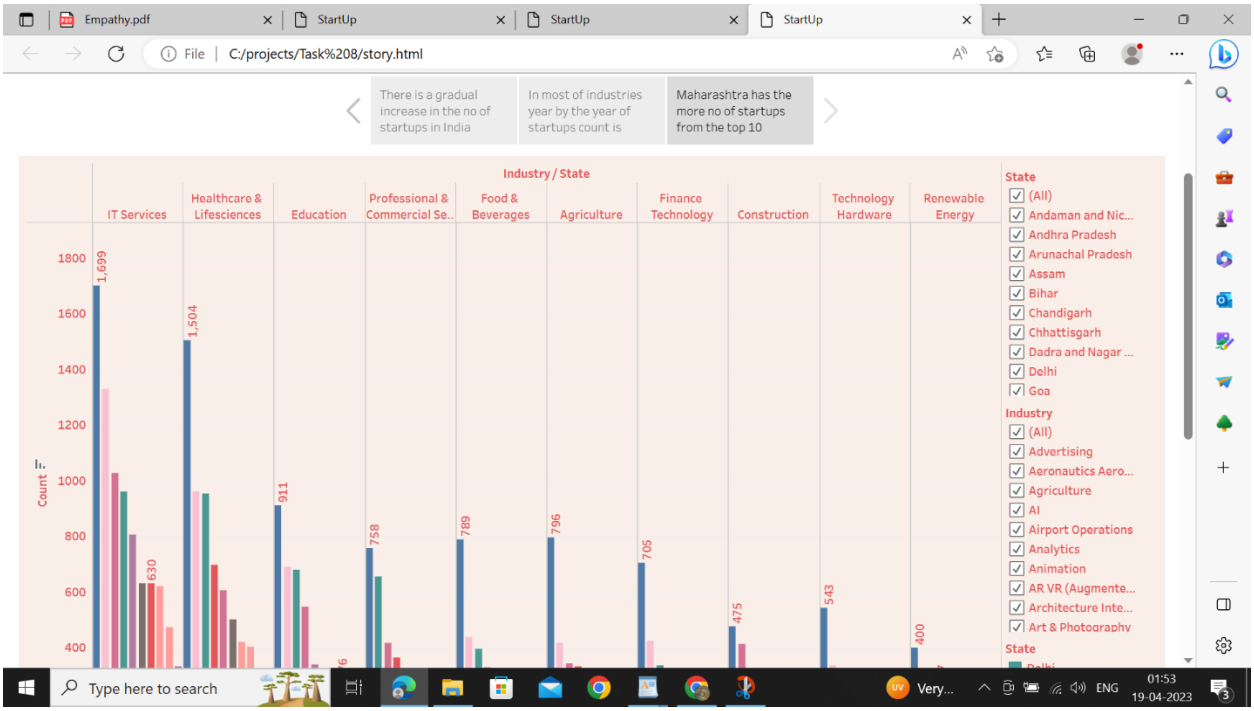

Conclusion:

This project has enabled us to download a dataset for the startups and extract and refine the data using tableau and SQl workbench. The data has been analyzed using this software tableau and various components of startups ae examined. A favorable environment to create a startup to obtain significant rewards in future is achieved