

Problem Statement

The Indian startup ecosystem has experienced significant growth and funding from 2018-2023, particularly in AI and EV sectors. This problem statement aims to conduct a comprehensive market analysis, identify growth factors, and provide data-driven insights using openly available news and datasets.

Solution Overview

The Streamlit application provides a user-friendly interface to explore and analyze the trends in the Indian startup ecosystem. Our solution provides user-friendly solutions and data driven insights that are accessible to users as well as stakeholders. The solution tries to answer presented questions in order to extract conclusion about the rise in Indian startup ecosystem using on openly available data from trusted sources such as [Kaggle] (<https://www.kaggle.com/datasets>) , [IndiaAI](<https://indiaai.gov.in/startup/all>) and [GetLatka] (<https://getlatka.com/>)

Startup Funding Insights

1. Maturation and Growth:

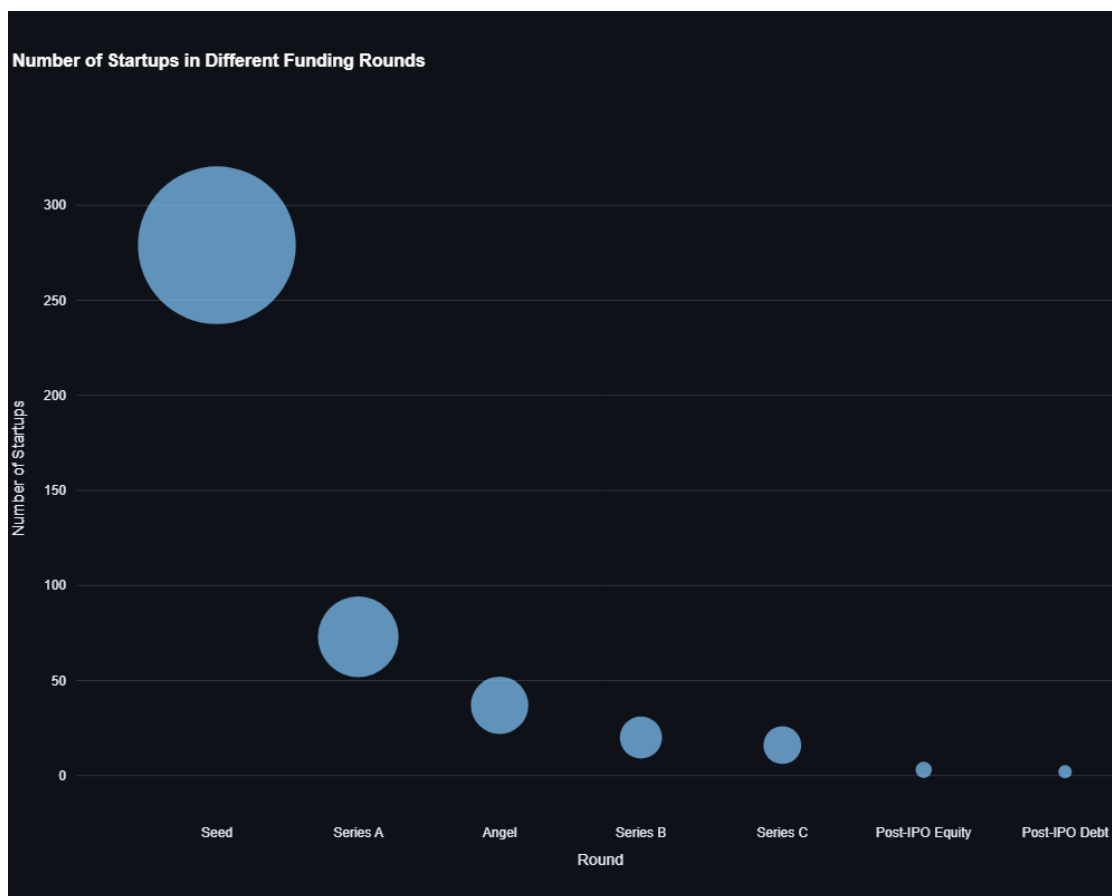
The progression from Seed to Series A indicates the startup's successful navigation through initial stages, demonstrating market validation and readiness for significant growth.

2. Market Confidence:

Series A funding suggests a higher level of investor scrutiny, reflecting confidence in the business model and market potential.

3. Strategic Angel Support:

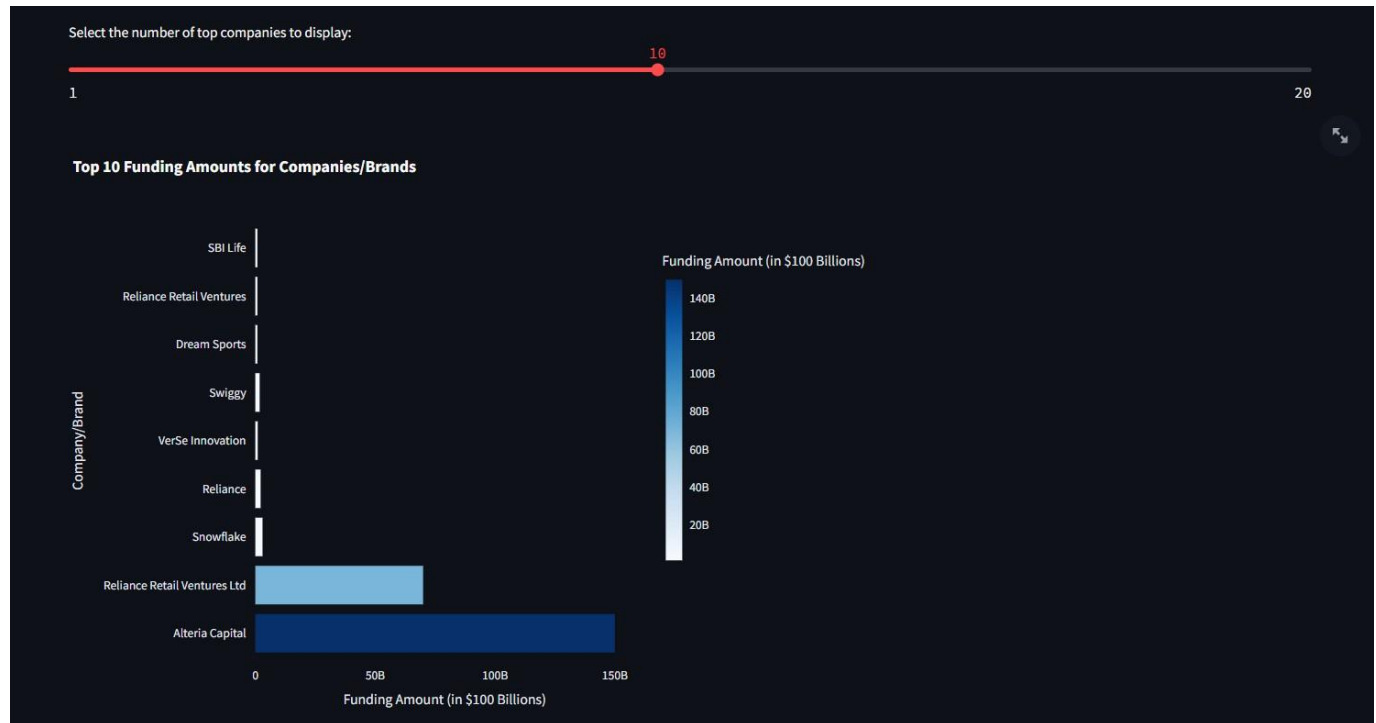
Ongoing involvement of angel investors in later stages signifies strategic support beyond initial funding, bringing industry expertise and mentorship.



Top Funding Amounts

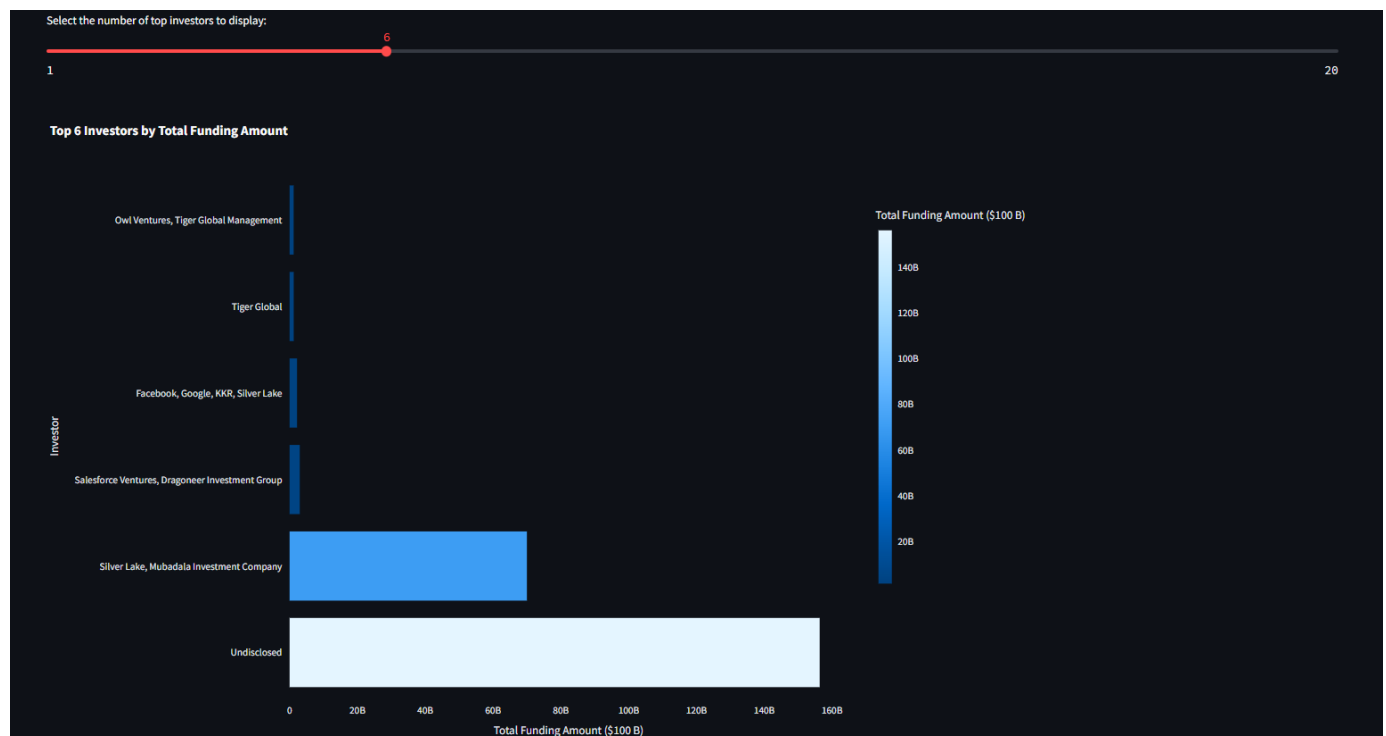
Dominant sectors that received most fundings across all sectors were Fintech, Retail and EdTech.

Companies that received highest funding amounts were Alteria Capital & Reliance Retail Ventures Ltd.



Top Investors and Sectors by Total Funding Amount

The below visualization shows the major investors in the Indian start-up ecosystem and the sectors the startups belong to classified according to the total funding received by the startup.

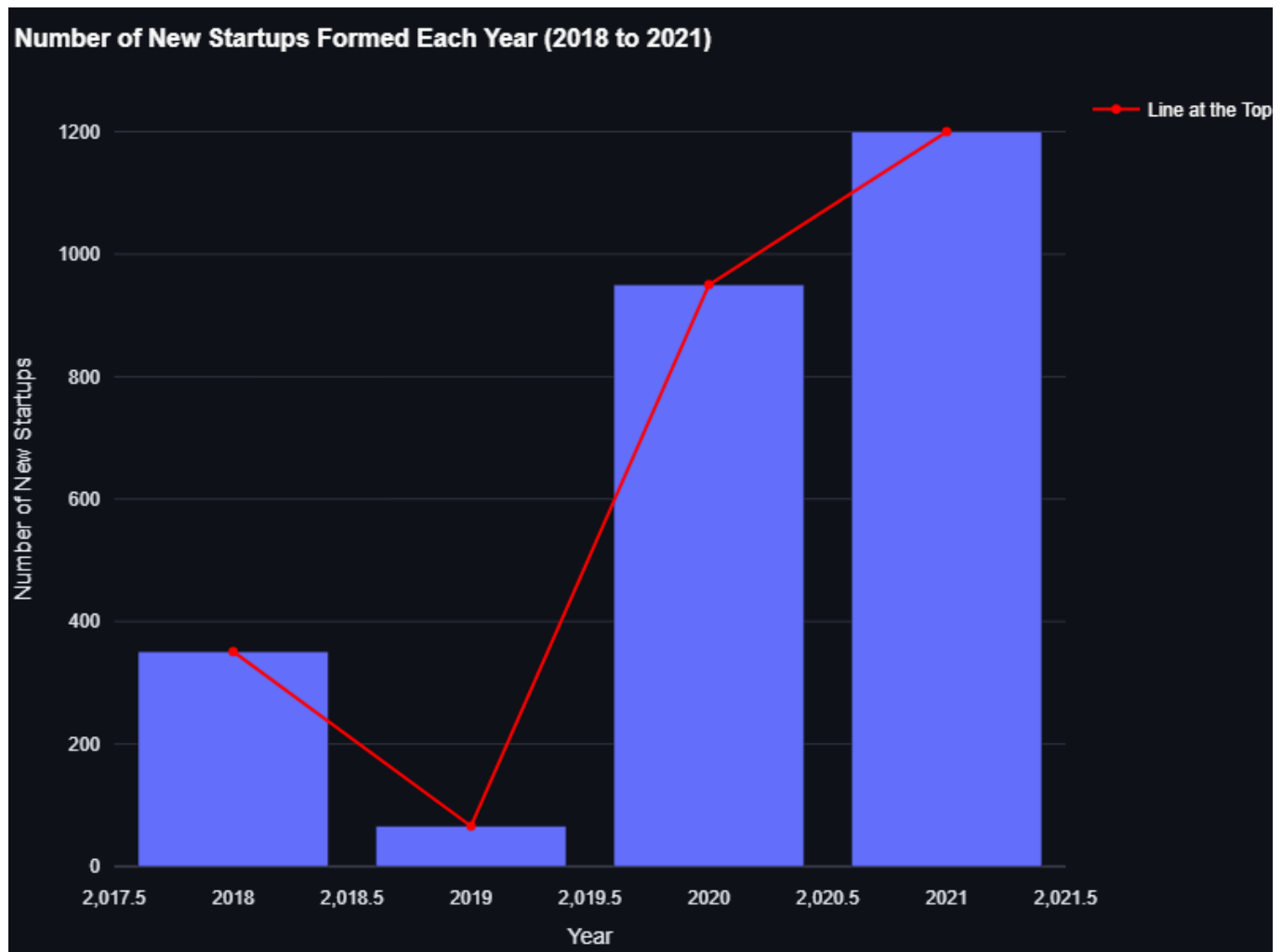


We can observe that fintech sector received most amount of funding from undisclosed investors, where as companies such as Facebook, Google were interesting in funding Multinational conglomerate companies.

	Investors	Industry	Funding Amount
1977	Undisclosed	FinTech	\$150,192,750,000
1539	Silver Lake, Mubadala Investment Company	Retail	\$70,000,000,000
1440	Salesforce Ventures, Dragoneer Investment Group	Tech company	\$3,000,000,000
569	Facebook, Google, KKR, Silver Lake	Multinational conglomerate company	\$2,200,000,000
1245	Owl Ventures, Tiger Global Management	EdTech	\$1,200,000,000
1999	Undisclosed	Food Delivery, Food Processing, Internet	\$1,000,000,000
410	Canaan Valley Capital, Glade Brook Capital Partners	Innovation Management	\$1,000,000,000
576	Falcon Edge, DST Global, D1 Capital, Redbird Capital, Tiger Global	Sports	\$840,000,000
418	Carmignac, Falcon Edge Capital	Food delivery	\$800,000,000
629	General Atlantic, Kohlberg Kravis Roberts	E-commerce	\$800,000,000

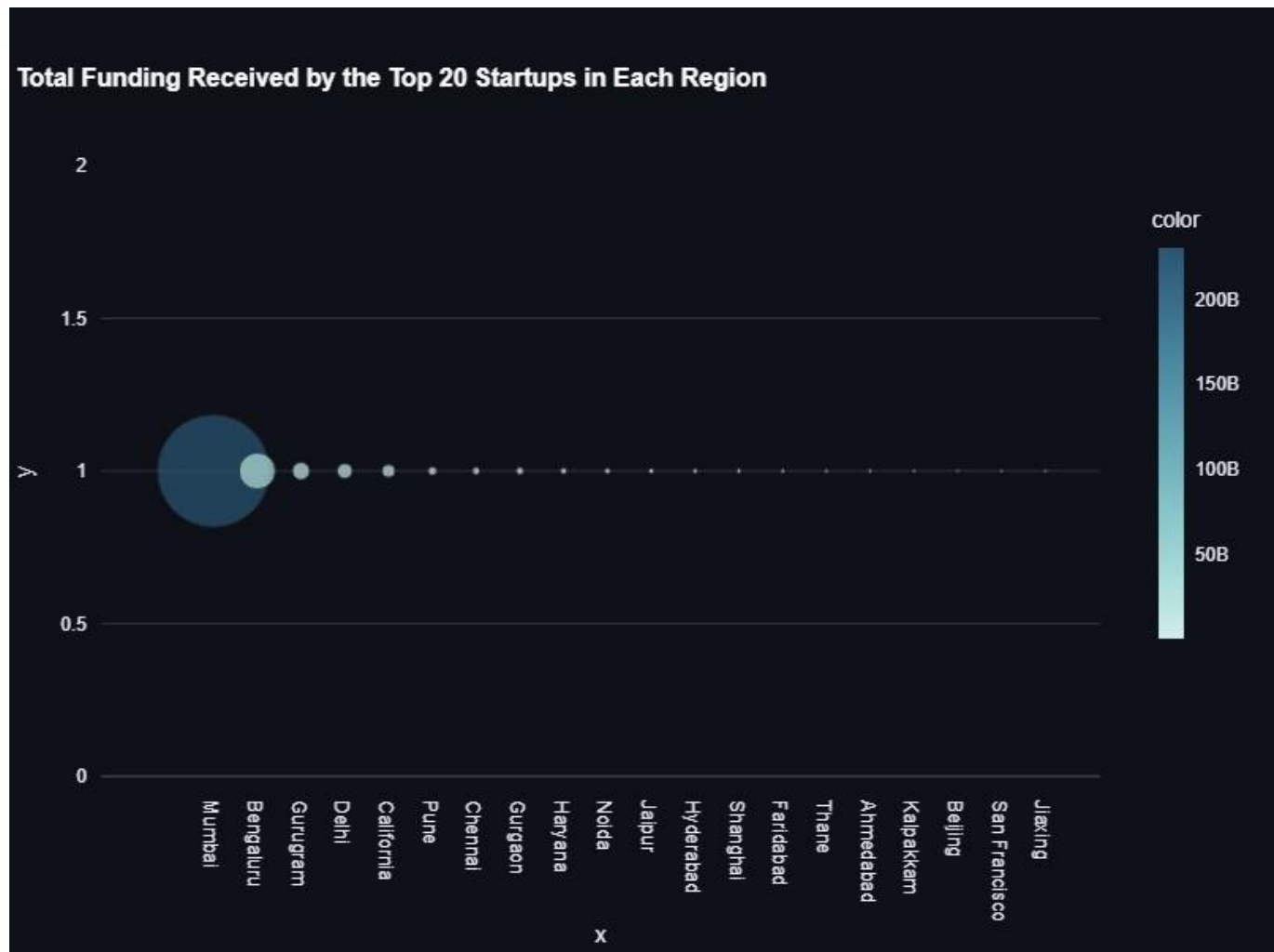
Number of New Startups Formed Each Year

We can clearly see the rise in number of startups formed after the year 2019, this checks out as covid 19 pandemic was speculated of impacting the rise of startups in Indian startup ecosystem.



Total Funding in Each Region

Fundings received by startup companies varied depending upon the region from which the startup belong, we can clearly see metropolitan cities and developed cities have more startup fundings compared to less developed cities.



Conclusions

Based on the analysis conducted through the Streamlit application, several conclusions can be drawn:

1. In the Year 2021 the Company Alteria Capital received the highest funding of \$150,000,000,000.00, which was followed by the Year 2020 and the Company was Reliance Retail Ventures Ltd getting funding of \$70,000,000,000.00. The third was in the Year 2018 by the Company/Brand called Swiggy receiving funding of \$1,000,000,000.00. The last was in the Year 2019 by the Company/Brand called Oyo which received funding of \$693,000,000.00
2. Although major investors of startups companies prefer to stay undisclosed companies such as Tiger Global, Silver Lake, Mubadala Investment Company were the major investors in Indian startup ecosystem.

3. We can see the number of startups being formed skyrocket after the year 2019, which means that the pandemic boosted the Indian startup ecosystem. Also, sectors such as Fintech and Edtech received funding, which points to the rise of AI and EV markets in India.
4. Lastly, we can conclude that the amount of funding received is related to the region of the startup.

These findings contribute to a deeper understanding of the dynamics within the Indian startup ecosystem, particularly in the AI and EV sectors. The data-driven insights gained from the dashboards serve as valuable inputs for strategic decision-making, investment opportunities, and policy formulation.
