Data visualization

Initial visualization:
https://public.tableau.com/profile/venkatesh.prasad#!/vizhome/Indian_Startup_Funding_v1_0/IndianStartup Funding

Final visualization:

https://public.tableau.com/profile/venkatesh.prasad#!/vizhome/Indian_Startup_Funding_final/IndianStartup Funding

Summary

Here, I have made visualizations on a dataset named "Indian Startup Funding" which contains funding details of the startups in India between January 2015 and August 2017. The dataset has 2373 rows and 10 columns. The visualization will explain how 'AmountInUSD' varies with the other factors with respect to time.

Design

Initially, I made bar chart for the 'Total Fund Amount' based on the City Location, Industry Vertical, Investment Type and Time. Then I removed the NULL values and set the minimum value for 'Amount in USD' as 4,00,00,000 for the bar chart 'Industry Vertical vs Amount In USD' because the difference between the categorical variables can be easily visualized in bar chart.

Then I made the visualization for how the fund amount was distributed over the geographic location to help the viewers to relate to a particular place in maps.

Finally, I made visualization to represent how the fund amount was acquired by the startups that belong to the top five industries varies over the ears using a line chart since this chart is the paradigm for showing the changes that happens over a time.

After getting the feedback, I decided to include the histogram of Number of startups to know about the distribution of the data. And also, I changed the filter from single valued dropdown to multiple value check box and into a range of dates in order to apply the filters effectively.

Feedback

I got some feedback from my friend that includes, including a dashboard which contains the histogram for the 'Number of startups' based on City Location, Industry Vertical and Investment Type to understand the basic structure of the data. Then, adding a filter to each story to filter the data based on year. And finally, to replace multiple check box to a slider that includes a range of date in the final story.

Resources

https://public.tableau.com/profile/srinath.mohanram#!/vizhome/Sample_215/Sample

https://www.kaggle.com/sudalairajkumar/indian-startup-funding

https://public.tableau.com/profile/mat.leonard#!/vizhome/shared/8B7RH9JPC