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'.

Then I made the visualization for how the fund amount was distributed over the geographic location.

After that, I made visualization to represent how the fund amount was acquired by the startups that belong to the top five industries over the ears.

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