STARTUP FUNDING IN INDIA

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PROJECT SYNOPSIS

FOR PROJECT

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Startup Funding in India

Introduction:

The Government of India has initiated for Startup India and this campaign was first announced on 15th August, 2015 so this is very interesting field for analysis of what type of startups are getting funded in the last few years, who are the important investors, hot fields that get a lot of funding these days? This dataset is a chance to explore the Indian start up scene. Deep dive into funding data and derive insights into the future.
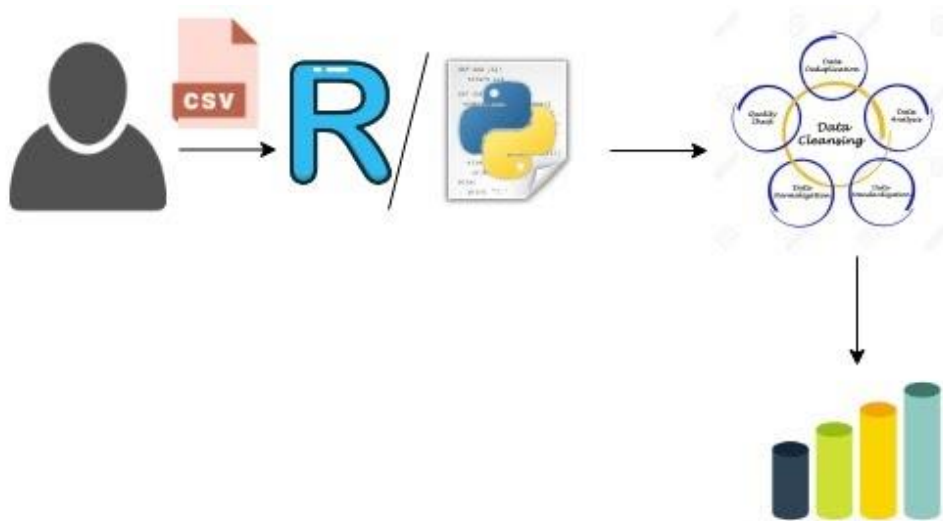
About Data:

This dataset has funding information of the Indian startups from January 2015 to August 2017. It includes columns with the date funded, the city the startup is based out of, the names of the funders, and the amount invested (in USD).

Column Name	Description
SNo	Serial number.
Date	Date of funding in format DD/MM/YYYY.
StartupName	Name of the startup which got funded.
Industry Vertical	Industry to which the startup belongs.
SubVertical	Sub-category of the industry type.
CityLocation	City which the startup is based out of.
InvestorsName	Name of the investors involved in the funding round.
InvestmentType	Either Private Equity or Seed Funding.
AmountInUSD	Funding Amount in USD.
Remarks	Other information, if any.

It is expected that you will build a dashboard for the following query and visualize the graph:

1. Start-up Funding between 2015-2017 August. (**Year-Month wise Startups Funding**)

2. Industry vertical categories **(Industry Verticals wise Startups Funding)**

3. Prefered CityLocation for startups categories **(City wise Startups Funding)**

4. Inversters type categories **(Investment Type wise Startups Funding)**

5. Which start-up is funded more **(Company wise Amount Funded(USD))**

6. Which start-up is funded again and again **(Company wise Number of times Amount Funded)**

7. Subvertical word cloud

8. Prefered city X IndustryVertical treemap

9. Inverstors name X IndustryVertical - Tree chart **(Number of Startups Funded by Investor)**

10. Top 10 Inverstors name X Industry type - Tree chart

11. Top 10 Inverstors name X Industry Vertical - Tree chart

Architecture Flow:

Included Components:

Following libraries have been included –

- For R Studio

    o ggplot

    o igraph

- For Python

o Numpy