1. Understand individual columns of the dataset:

There are total of 3 columns.

* + - 1. District (Nominal categorical): Many districts of a state, total count is 640.
      2. State (Nominal categorical): Various states of India, total count is 35.
      3. Literacy (Numerical): 36.1 to 97.91 range

1. Understand the dataset

* The dataset is of various state in India and their respective districts with literacy rate.
* There isn’t any detail available for state Telangana
* Aurangabad is in both Bihar and Maharashtra
* Bijapur is in Chhattisgarh and Karnataka
* Bilaspur is in Chhattisgarh and Himachal Pradesh
* Hamirpur is in Uttar Pradesh and Himachal Pradesh
* Pratapgarh is in Rajasthan and Uttar Pradesh
* Raigarh is in Chhattisgarh and Maharashtra

1. The end goal here is to identify literacy rate in various parts of India, and identify why particular region is having particular literacy rate. Although from the dataset we can’t say why particular district or state is having particular literacy rate, we can use internet for the same.
2. What insights can be brought out:
3. Top 10 district based on literacy rate
4. Top 10 states based on literacy rate
5. Bottom 10 district based on literacy rate
6. Bottom 10 states based on literacy rate
7. Literacy rate histogram distribution
8. Literacy rate on Indian map (Either state data or district data can be used)
9. Create high, medium and low literacy groups
10. Filters: As a filter Region and literacy rate can be set.
11. Steps for project are:

* Create various charts for various insights mentioned earlier.
* Create a dashboard with action filters.

1. Findings (Conclusions) after doing employee data analysis

**Instructions:**

1. Open the dashboard at 67% zoom of window on internet

2. Recommended device: Computer/Laptop

**Actions are enabled on following charts:**

All charts are given actions for more details of district/state, except for literacy rate distribution chart.

**Conclusions:**

* Kerala is having highest average literacy rate among all states
* Bihar is having lowest average literacy rate among all states
* Serchhip, district in Mizoram is having highest literacy rate among all districts
* Alirajpur, district in Madhya Pradesh is having lowest literacy rate among all districts
* Literacy rate distribution is more or less Normal (Gaussian) distribution. Most data points are concentrated near 70 % average literacy rate.