**“INSIGHT VISUALIZERS” STORY LINE**

**USP (Unique Selling Point) of this Dashboard?**

While people being locked down due to COVID-19 pandemic, the true spirit of working together is lost. Due to that some sectors have lost their core purpose. This has impact on businesses and employment. So, we are doing this presentation to show how employment has been affected with the current situation state wise pandemic situation in USA.

Insights we want to bring is which state has been most affected and which sector has been most effected during the last 3 months.

**Nice to know about the dashboard**

Dashboard is interactive to show the unemployment rate based on the user selection of the state.

Dashboard is interactive to show the currently employed based on the sector as well as state selection

One can draw conclusions based on seasonal comparison of employment rate in each state

**Inferred Insights**

**State wise Employment Effected:**

Top 10 States that got employment effected by over last month

**Sector wise Employment Effected:**

Top 5 categories that got employment effected over time- Employment numbers

|  |  |
| --- | --- |
| **Category/Sector Effected** | **Employed %** |
| Trade transportation and utilities | 18.74 |
| Education and Health | 16.3 |
| Government | 16.02 |
| Professional and business | 14.38 |
| Manufacturing | 8.63 |

**Obvious but Good to know Details:**

|  |  |  |  |
| --- | --- | --- | --- |
| Dataset Name | Category Name | Time Period | Metric |
| State\_Unemploymentrate | State | 01-04-2020- 01-06-2020 | Unemployment Rate |
| Sector\_State\_Employed | Sector,  State | 01-04-2020- 01-06-2020 | Currently Employed |
| State\_Comparision\_rate | State | April, May, June -2019 comparison-April, May, June – 2020 | Unemployment Rate |

**Challenges faced and future work**:

Even though we want to put more categories to our employment metrics, due to time constraint we could not get hold of some meaningful data.

**Example 1**: We want to find out how unemployment rate is in each sector. Due to lack of data, this was not possible.

**Example 2:** We wanted to see the low-income unemployment rate across states. Due to time constraint, we could not add this category

**Resources**:

Datasets: <https://www.bls.gov/home.htm>

**Blue Sky thinking:** If we have more time and fits our datasets on Covid Cases w.r.to Unemployment Rate & Population Density- COVID cases.

--Thanks for Reading --