

Gentechs

Data Science Internship program

Assignment 7

Tool: Tableau

YouTube link for tableau downloading and installation:

<https://youtu.be/r4bE68kbJKI>

YouTube Complete Tutorial for Tableau:

<https://youtu.be/olw8xJ1Fy3w?si=2MjcPnON9fCdAkhI>

<https://youtu.be/K3pXnbniUcM?si=rD7utk4kD03o7pso>

Tasks:

1. Import a CSV file into Tableau and create a visualization.
2. Add a filter to the visualization to limit the data based on a specific condition.
3. Add specific columns from the data source to the visualization.
4. Apply conditional formatting to a field based on greater than, less than, or equal to conditions.
5. Customize the formatting of the mark cards, including bars, colors, size, detail, and text.
6. Create a new sheet and build a visualization using the set created in the previous task.
7. Build a map-based visualization using geographic data.
8. Create a dual-axis chart by combining two different chart types in a single visualization.
9. Create a dashboard by combining multiple sheets into a single view.
10. Create a story by organizing multiple sheets or dashboards in a sequential manner.
11. Add annotations or captions to highlight important insights in the visualization.
12. Publish the dashboard or story to Tableau Public or Tableau Server for sharing and collaboration.