**Data Visualization**

**Data**

**INTERMEDIATE**

2022-09-21

**Project Description**

The excel worksheet attached to this project in the resource section below will be used to complete this project and it will be referred to as our data\_source. Please Download it. TASK A.

• Using the data in the data\_source worksheet, create a pivot table of Product Sales by Product Name.

• Create a pivot chart from the table in the task above.

• Sort the pivot table in task a1 above from largest to smallest. TASK B

• Using the data in the data\_source worksheet, create a pivot table of Product Sales ($) by State.

• Create a map using the table in the task above. (Hint: you might need to manually recreate the table before inserting the map).

• Name the chart Product Sales by State. TASK C

• Using the data in the data\_source worksheet, create a pivot table of SalesMan by Product Sales (Qty).

• Create a Donut chart using the table above.

• Adjust the donut hole to 50%.

• Name the chart Sales by Salesman. Following what you have done from the steps above:

• Create a line graph for Product Sales ($) by State.

• Create a waterfall for Product Sale (Qty) by County. TASK D(Visualization)

• Create a new worksheet and name it dashboard

• Cut and paste necessary derived tables into the dashboard

• Insert relevant slicers and timelines as filters to aid proper analysis.

• Report connections of all slicers and timelines.

**Project Prerequisites**

• Basic understanding of Excel Pivot tables and charts.

• Creativity and forward thinking.

• Document your work and approaches using the create solution button on the top right of the screen

**Hints**

• Give each worksheet tab color of your choice (Optional)

• Use all necessary formatting tools.

• Remove all outlines from charts.

• Dashboard should be interactive.

• Be creative.