

Link to visualization 1:

https://public.tableau.com/profile/megha.varshney#!/vizhome/udacity4_1_povertyshape/Sheet1?publish=yes

The visualisation above shows the variation of child poverty in various states of various countries in US. It can be clearly stated from the visualisation that Washington tops the list having maximum child poverty.

DESIGN:

A shape chart is used to represent above data as we plotted only one data in the graph and shapes are better way of communicating with such data.

Link to visualization 2:

https://public.tableau.com/profile/megha.varshney#!/vizhome/udacity4_1_poverty_unemploymentbar/Sheet1?publish=yes

The visualisation above shows how poverty and unemployment varies in various countries in US. Washington again tops the list having maximum poverty and maximum unemployment. We can easily make out from the graph that poverty is closely related to unemployment.

DESIGN:

A bar chart is used to represent categorical data hence the above data is represented with the help of bar chart. In the above visualisation we tried plotting two fields in a single graph and we wanted to make comparison between the two hence used bar chart.

Link to visualization 3:

https://public.tableau.com/profile/megha.varshney#!/vizhome/udacity_dashboard3/Dashboard1?publish=yes

The above visualization consists of a dashboard with two sheets
Sheet 1.

Sheet 1 consists of count of people of various origin residing in US .

##Sheet 2.

Sheet 2 consists of number of employed and unemployed people ,
number of women and men.

The visualisation shows that number of males and females are closely equal to each other. The visualisation also shows that the plot of number of women and number of employed people is roughly same which shows that most of the women are employed.

DESIGN:

SHEET 1:

We made used of shape data in order to depict people of which origin lives in US.

SHEET 2:

We made use of bar and a line chart as we are comparing more that one field in the graph.

RESOURCES: N/A