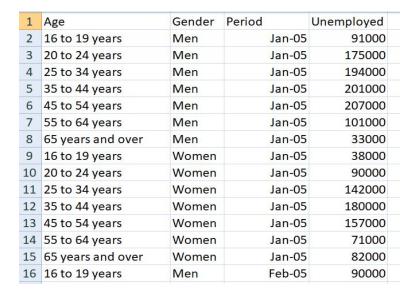
Challenge:

To prepare a visualizing report for long term unemployment in the U.S. from 2005 to 2015 from below dataset:



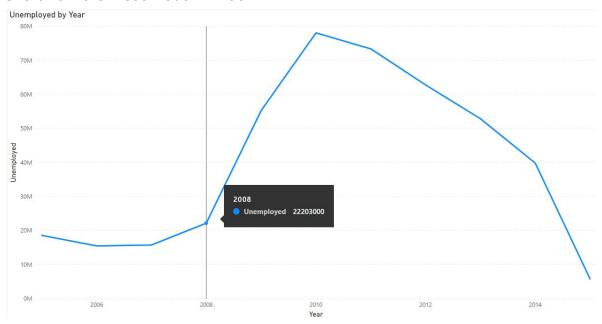
Analysis:

1) Add the desired data file into the Power BI, in this case we have Excel file which contains following columns:

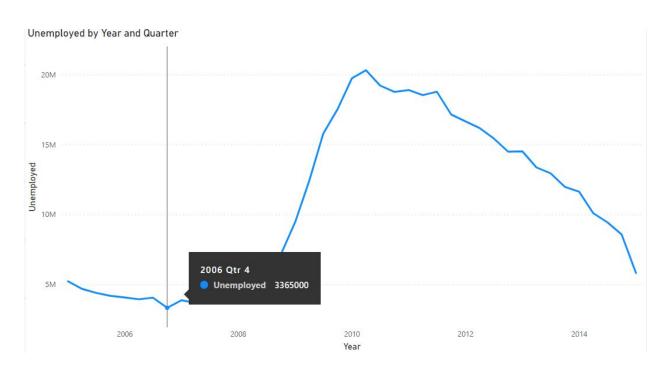


2) Load the data into Power BI, now it will be visible in Report, Data and Model sections.

Kapil Valecha | Phone : +91 9479883550 Email id : kapilvalechakv@gmail.com 3) Now, add the 'Period' and 'Unemployed' column on the workspace & select Line Chart from the Visualization window.

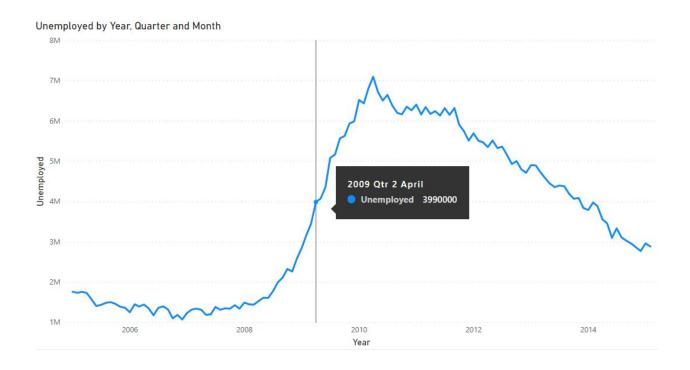


> here what we want to do expand next level:

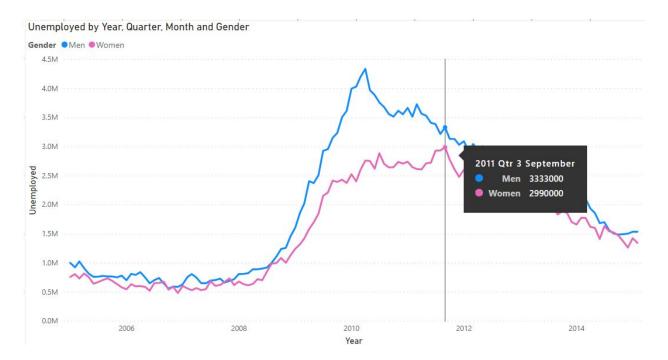


> So here we've got year and quarter. And so now for every year we have 4 quarters.

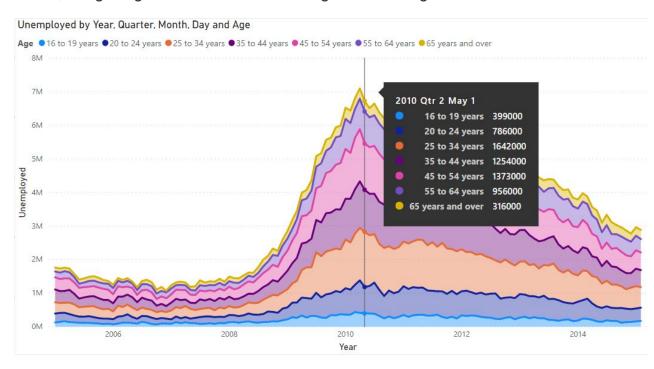
- > We can do it till we get 12 points for every year, which means there are 2000 8 January February March April May all the way to December and then goes to 2009 and so on.
- > by this approach we can visualize the actual sum of unemployment or the total unemployment in a proper way.
- > Now we can really tell how the total unemployment has been changing all the way from 2005 to 2015 continuously through this level of detail for a month.



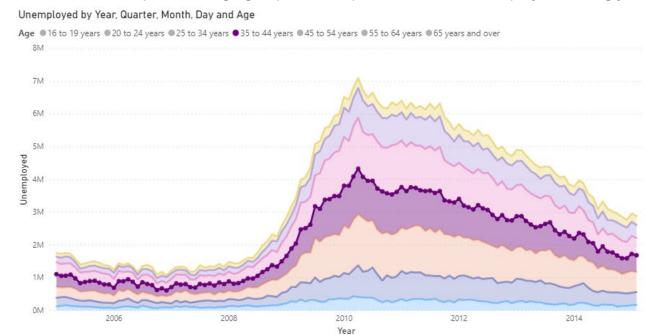
> Now, For getting a gender base line chart, separately for mae & female.



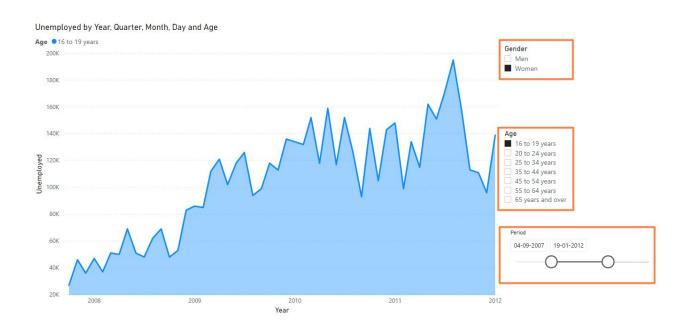
> Now, For getting a visual on the base of age we should go for Stacked Area Chart.

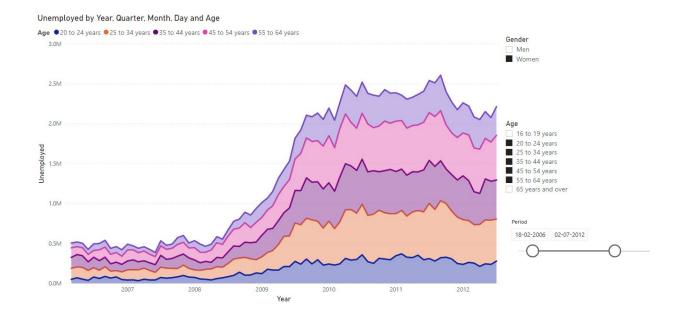


> We can select a particular age group on the top and the chart will display accordingly



> Adding slicers for providing options for filtering data on the workspace.





Here Final Visualization Report for long term unemployment in the U.S. from 2005 to 2015:

