Challenge:

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

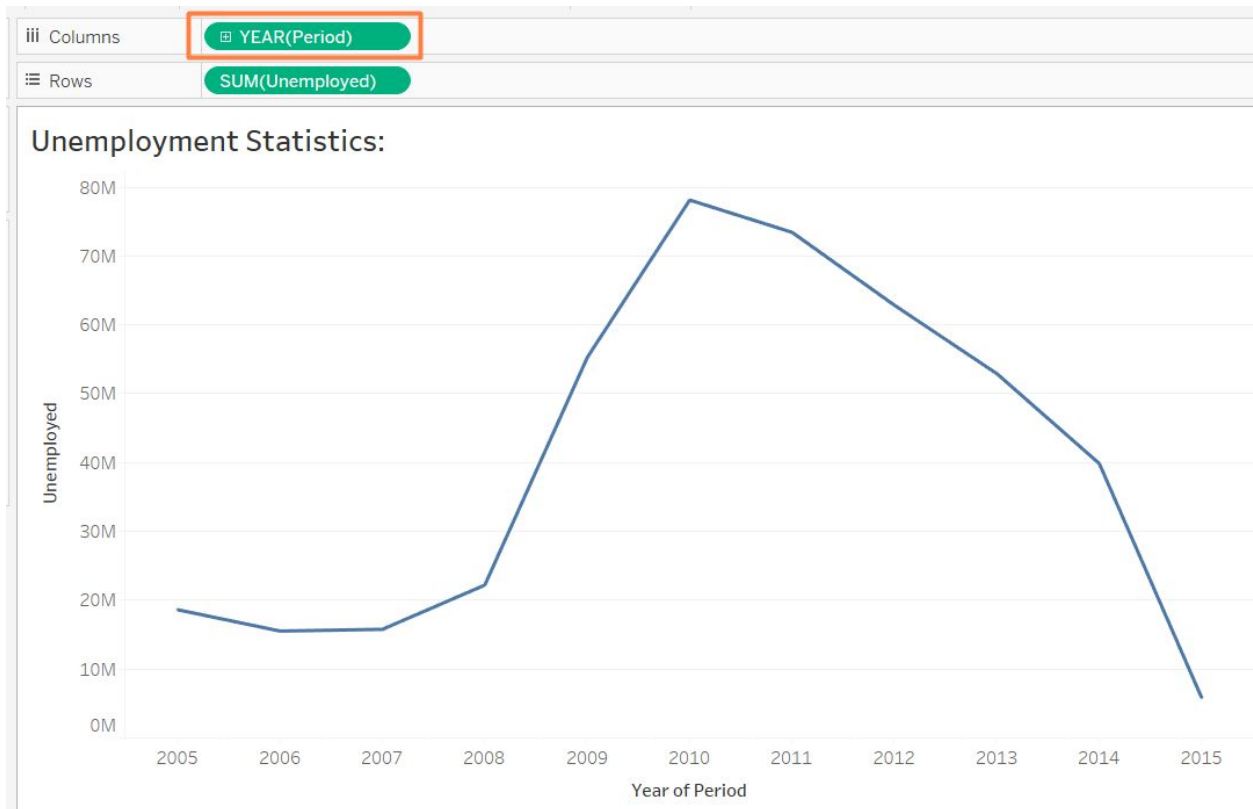|	Age	Gender	Period	Unemployed
1	Age	Gender	Period	Unemployed
2	16 to 19 years	Men	Jan-05	91000
3	20 to 24 years	Men	Jan-05	175000
4	25 to 34 years	Men	Jan-05	194000
5	35 to 44 years	Men	Jan-05	201000
6	45 to 54 years	Men	Jan-05	207000
7	55 to 64 years	Men	Jan-05	101000
8	65 years and over	Men	Jan-05	33000
9	16 to 19 years	Women	Jan-05	38000
10	20 to 24 years	Women	Jan-05	90000
11	25 to 34 years	Women	Jan-05	142000
12	35 to 44 years	Women	Jan-05	180000
13	45 to 54 years	Women	Jan-05	157000
14	55 to 64 years	Women	Jan-05	71000
15	65 years and over	Women	Jan-05	82000
16	16 to 19 years	Men	Feb-05	90000

Report:

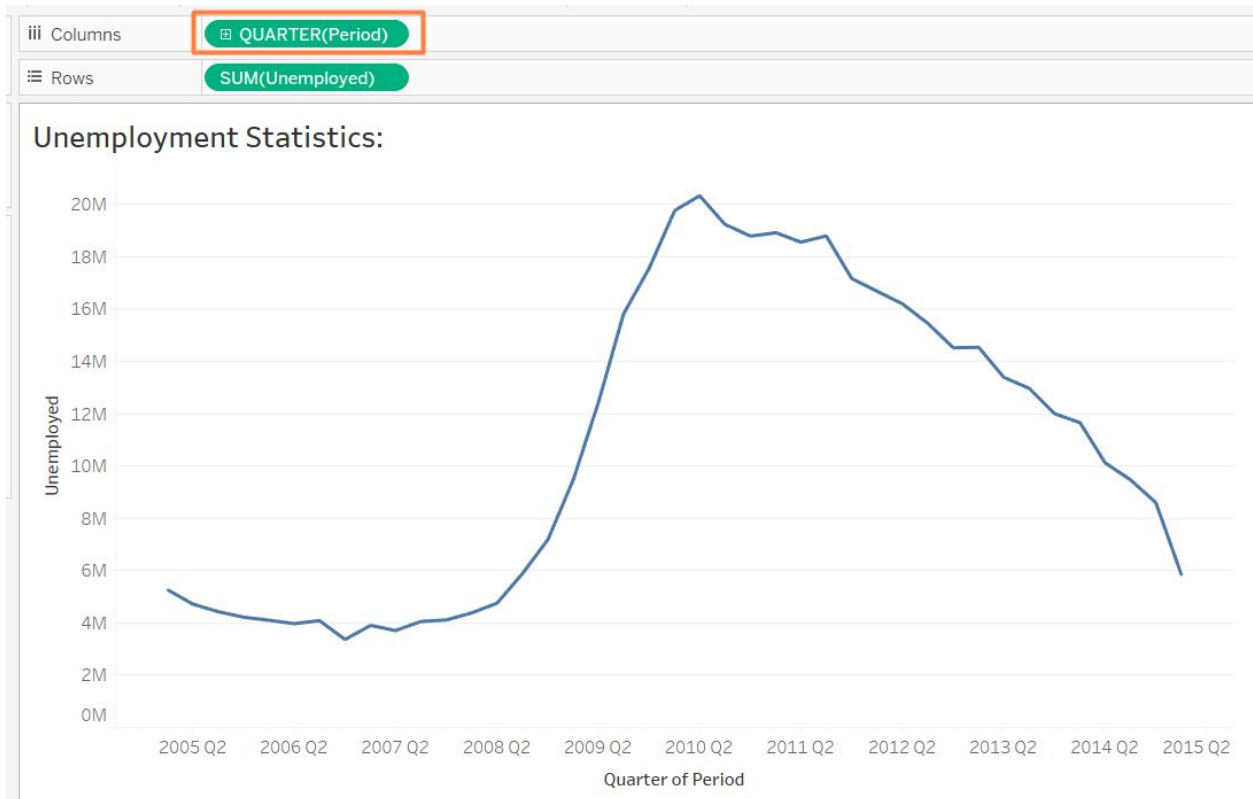1) Add the desired data file into the Tableau, in this case we have Excel file which contains following columns:

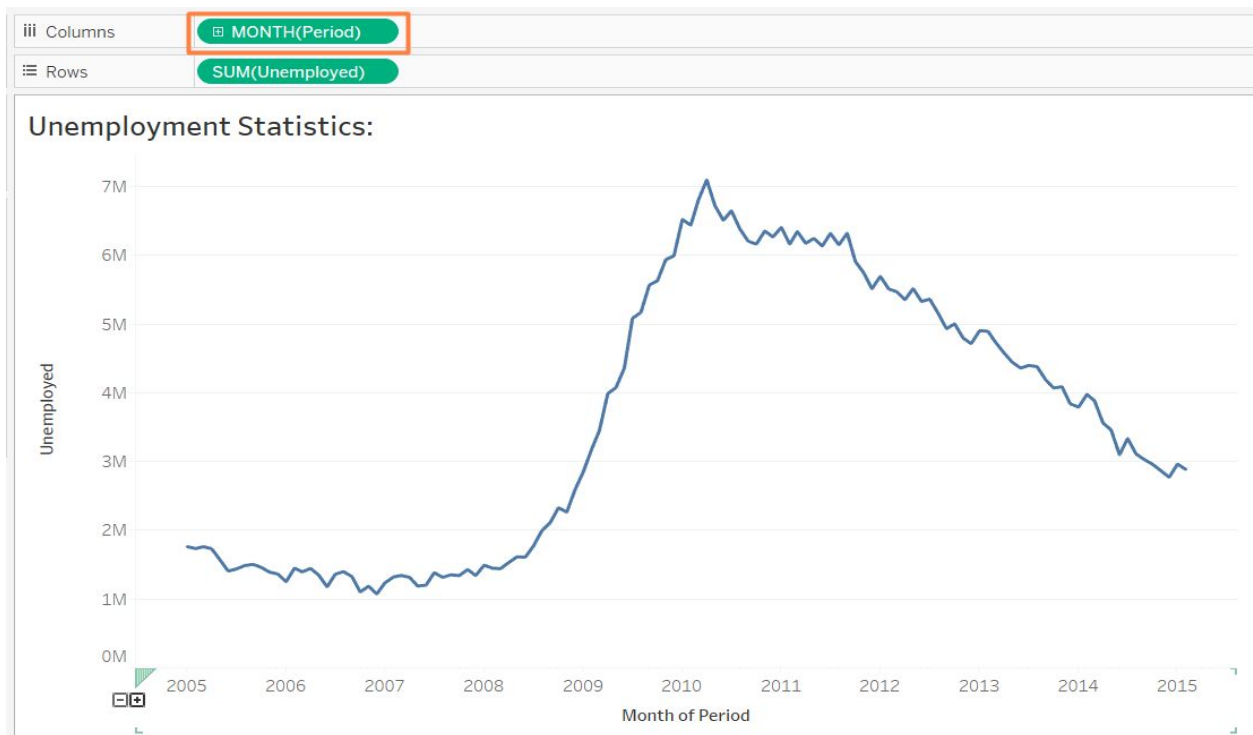| Age	Gender	Period	Unemployed
16 to 19 years	Men	01-01-2005	91,000
20 to 24 years	Men	01-01-2005	175,000

2) Load the data into Tableau, now it will be visible in Data Source.

3) Now, switch to the sheet tab, add the 'Period' in Columns section and 'Unemployed' in Rows section & select Line Chart.
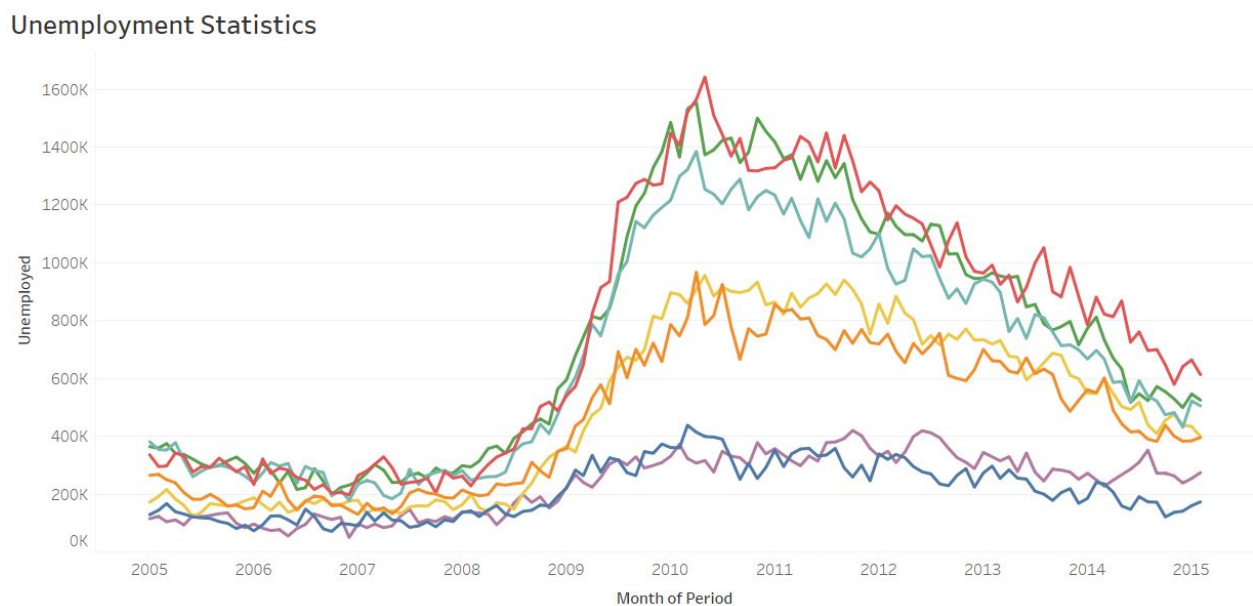
Unemployment Statistics:

4) Setting for level of granularity, via changing settings in Column:

Unemployment Statistics:

5) Again for level of granularity, via changing settings in Column:

> On adding Age in Color shell:
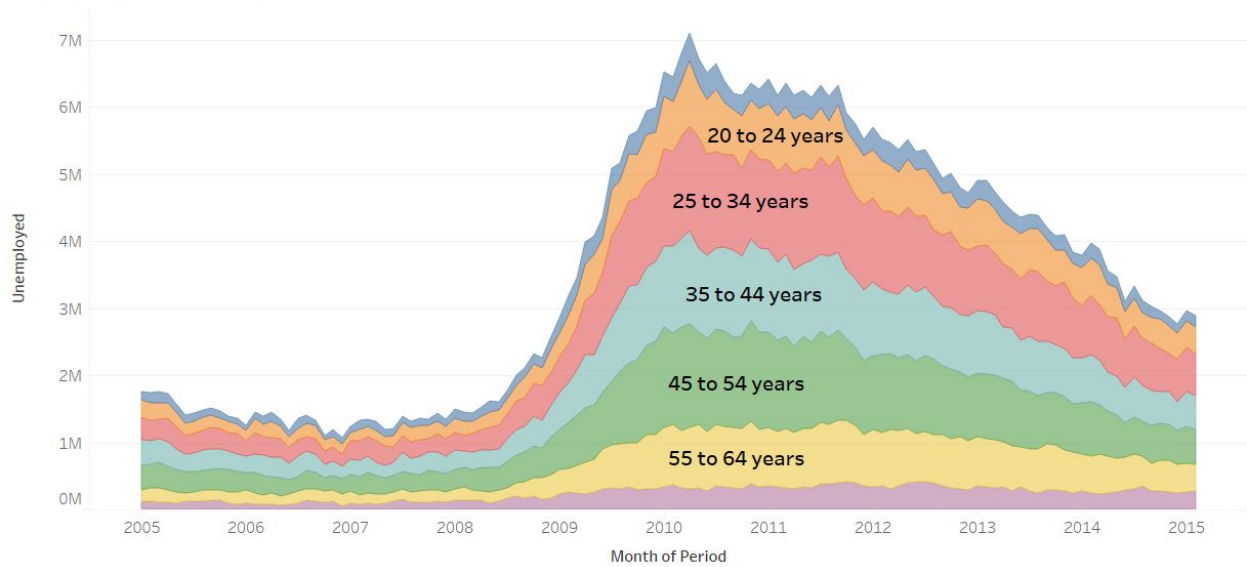
Kapil Valecha | Phone : +91 9479883550
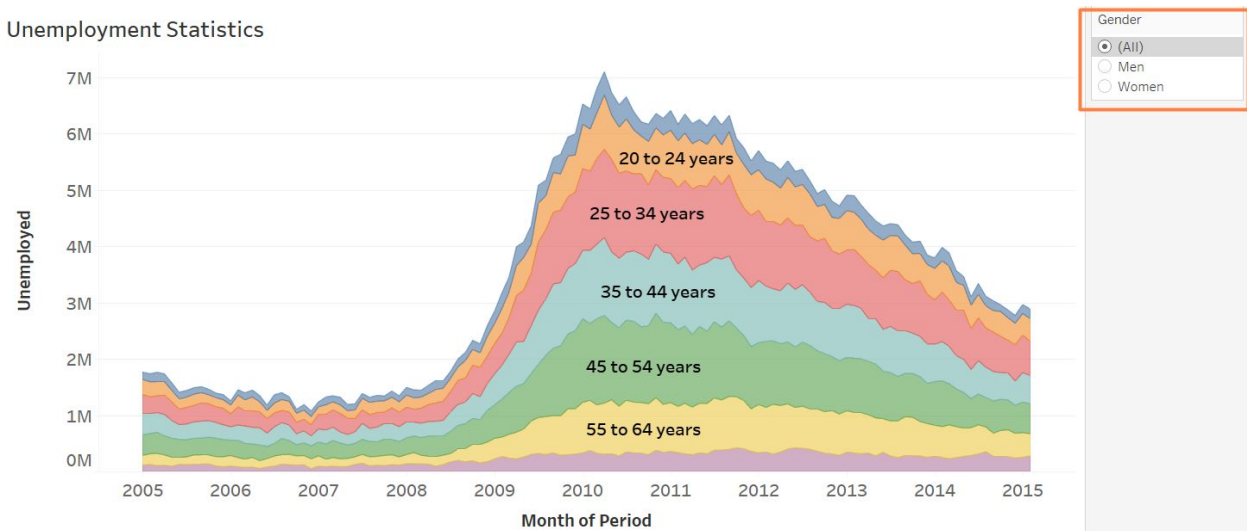Email id : kapilvalechakv@gmail.com

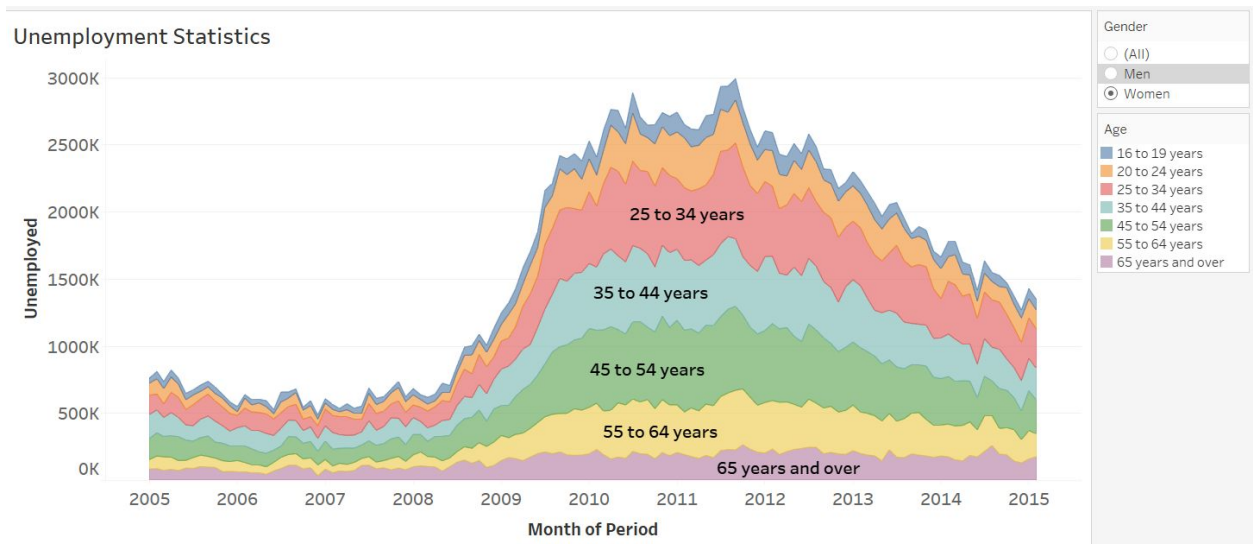> Now, change the Line chart to Area chart for better visualization:

Unemployment Statistics
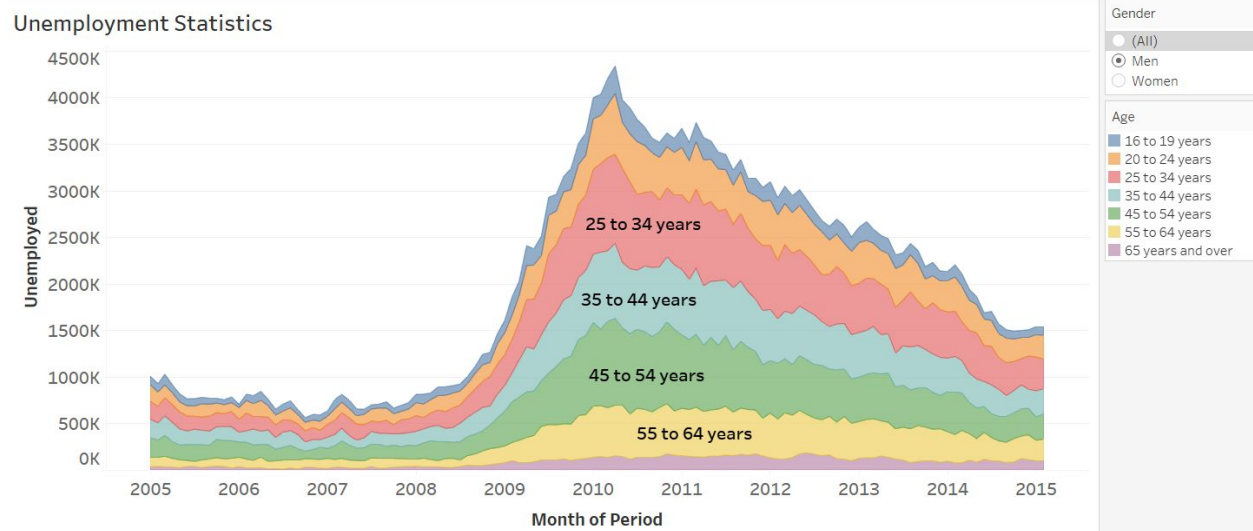

> Now, adding Filters for Gender:

Unemployment Statistics

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

Unemployment Statistics

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

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