

These two weeks we are going to be focused on **tree maps, area charts, and stacked area charts** and using various tools to create these visualizations. You must consolidate all the charts into ONE document with each chart labeled with the type of chart and technology - for example: Python - Bar Chart. Failure to label and consolidate the charts will result in points being taken off or a 0 for the assignment.

[Sample Datasets](#) (click on the Downloads tab.)

You may also download them directly from this link:

[Exercise 3.2 Datasets](#) (click the link to download a folder containing the datasets.)

You need to submit:

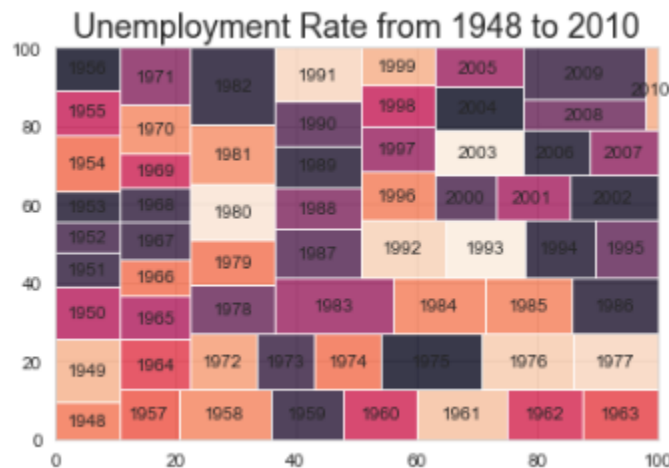
1 tree map, 1 area chart and 1 stacked area chart using Tableau or PowerBI

1 tree map, 1 area chart and 1 stacked area chart using Python

1 tree map, 1 area chart and 1 stacked area chart using R

You can use your own data or the datasets provided

1. Python: Tree Map



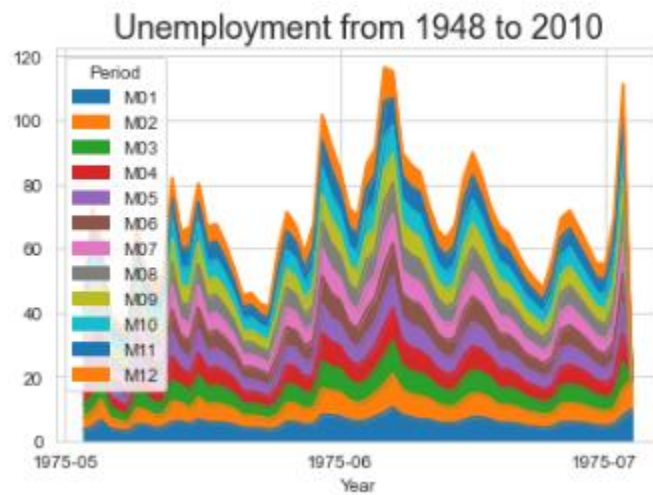
a.

2. Python: Area Chart



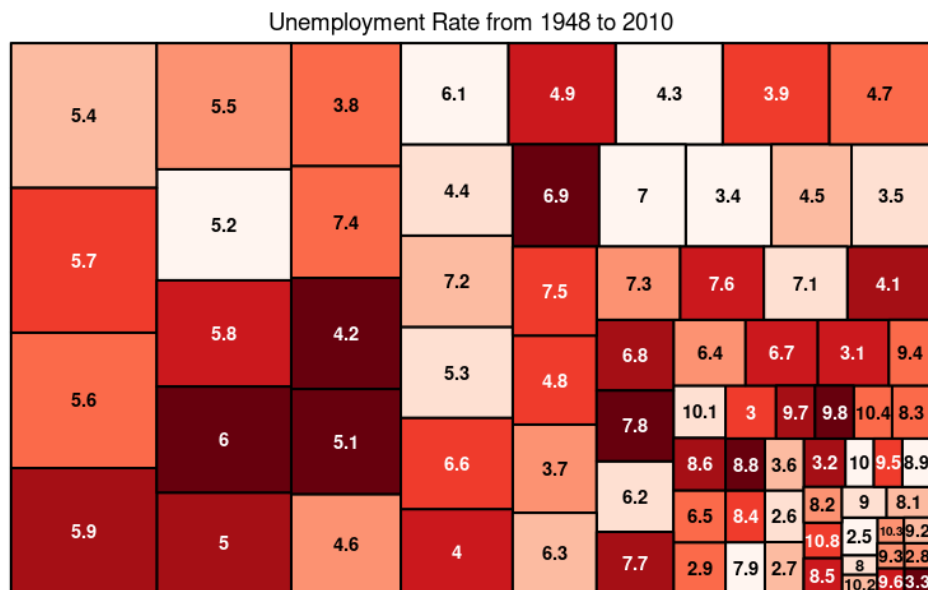
a.

3. Python: Stacked Area Chart

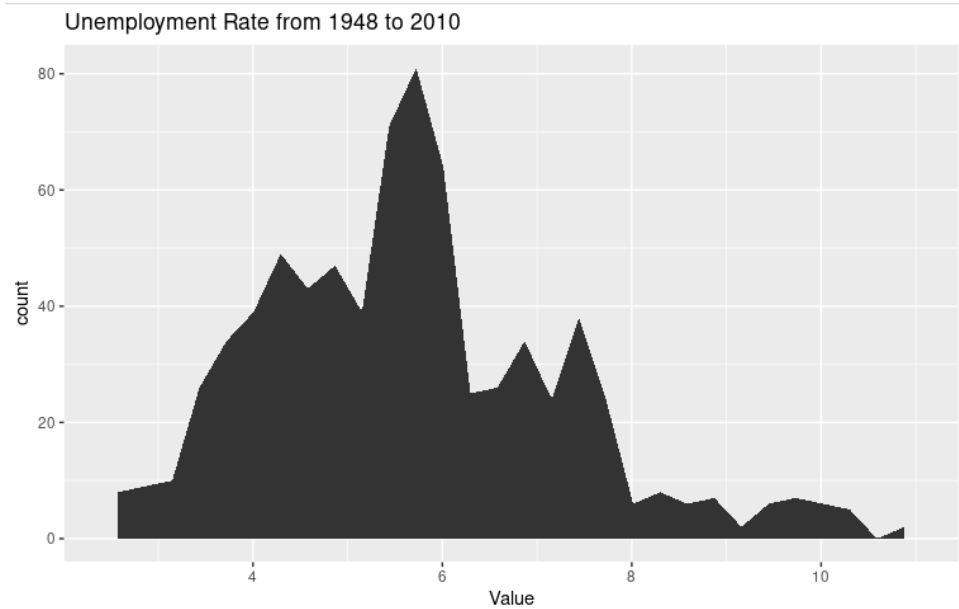


a.

4. R: Tree Map

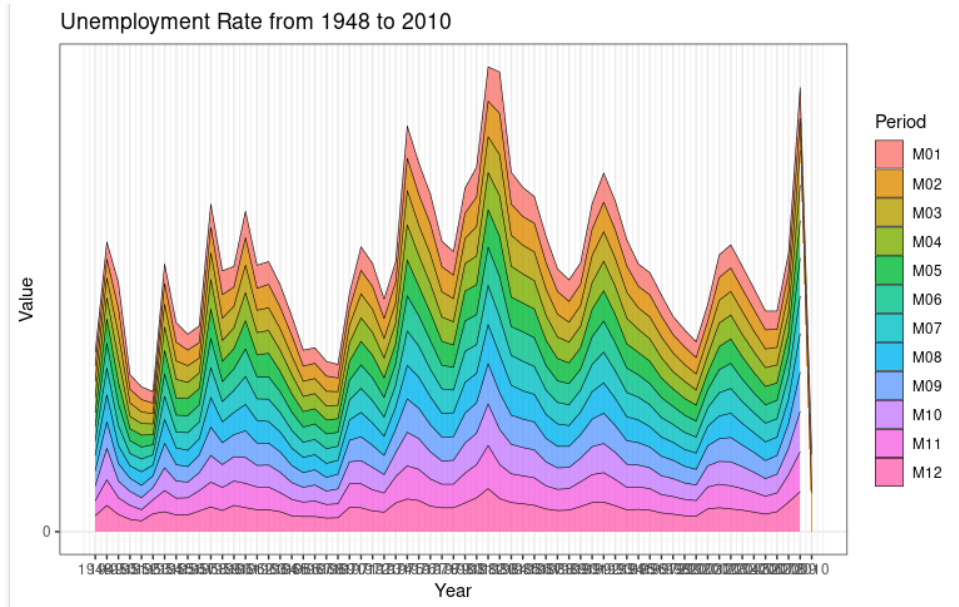


5. R: Area Chart



a.

6. R: Stacked Area Chart



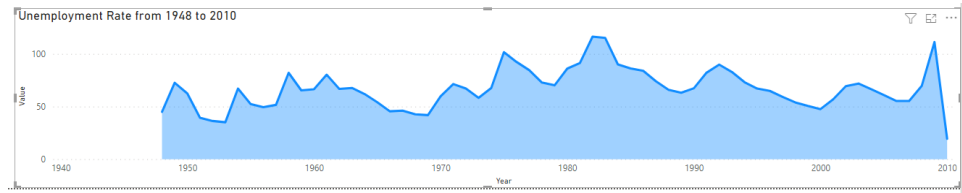
a.

7. Power BI: Tree Map



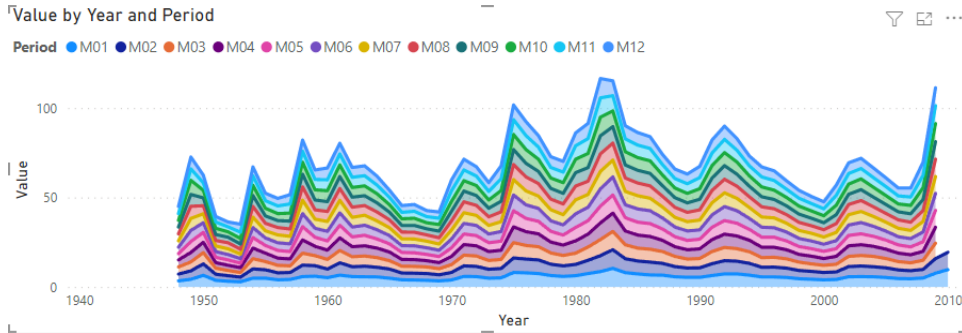
a.

8. Power BI: Area Chart



a.

9. Power BI: Stacked Area Chart



a.