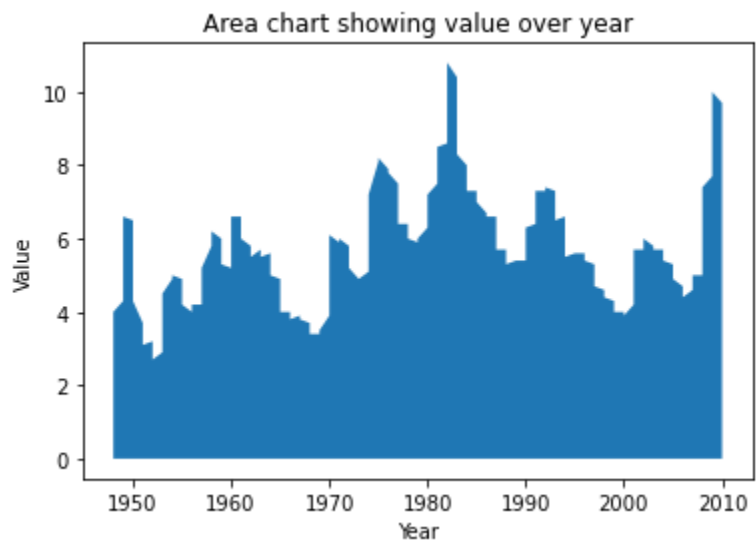
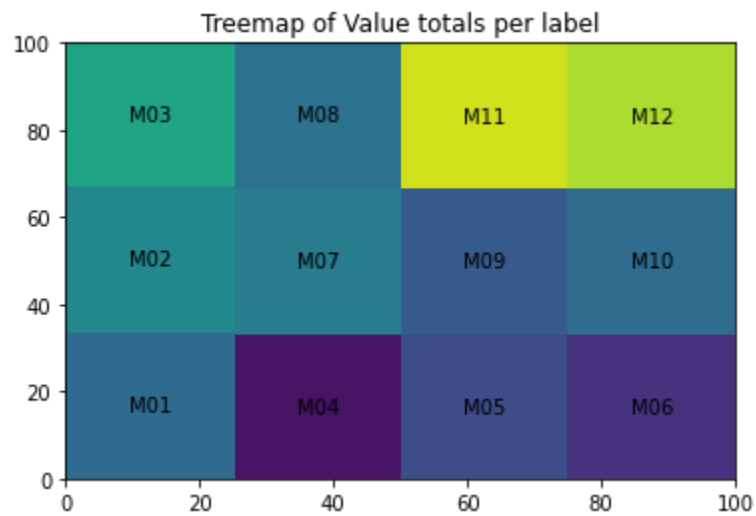


DSC640

Week 5-6

Matthew Kline

Python:



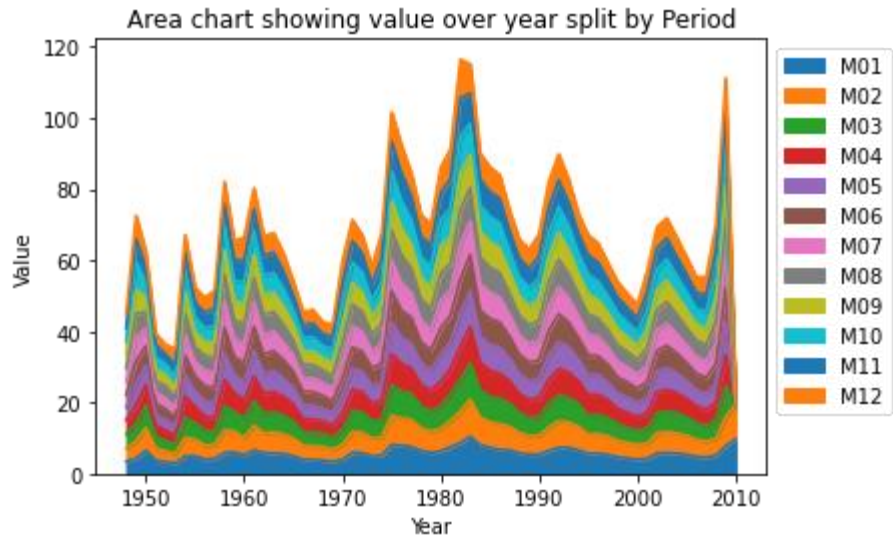
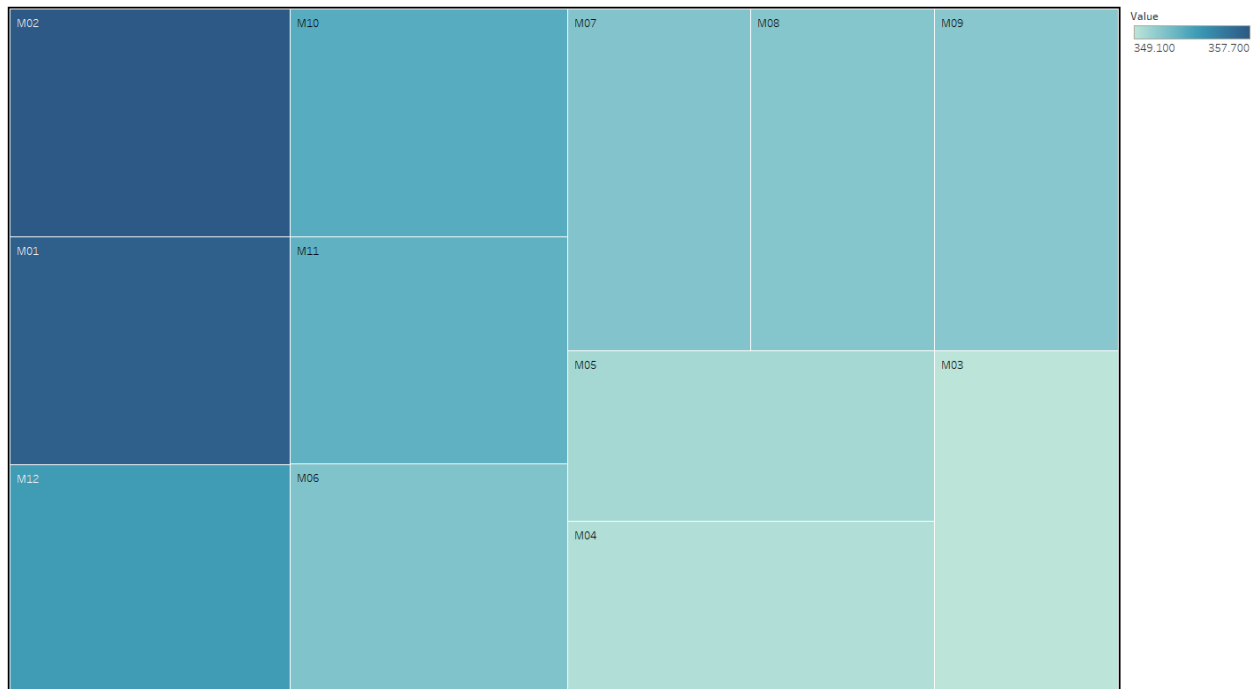


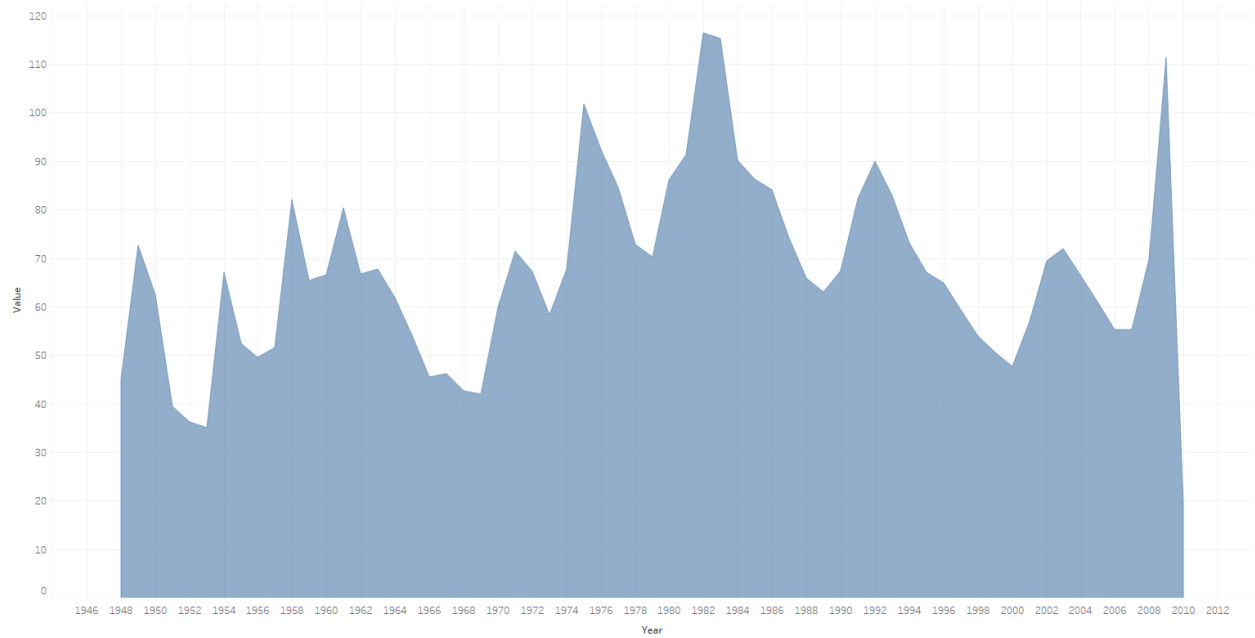
Tableau:

Tree Map of Period and Value



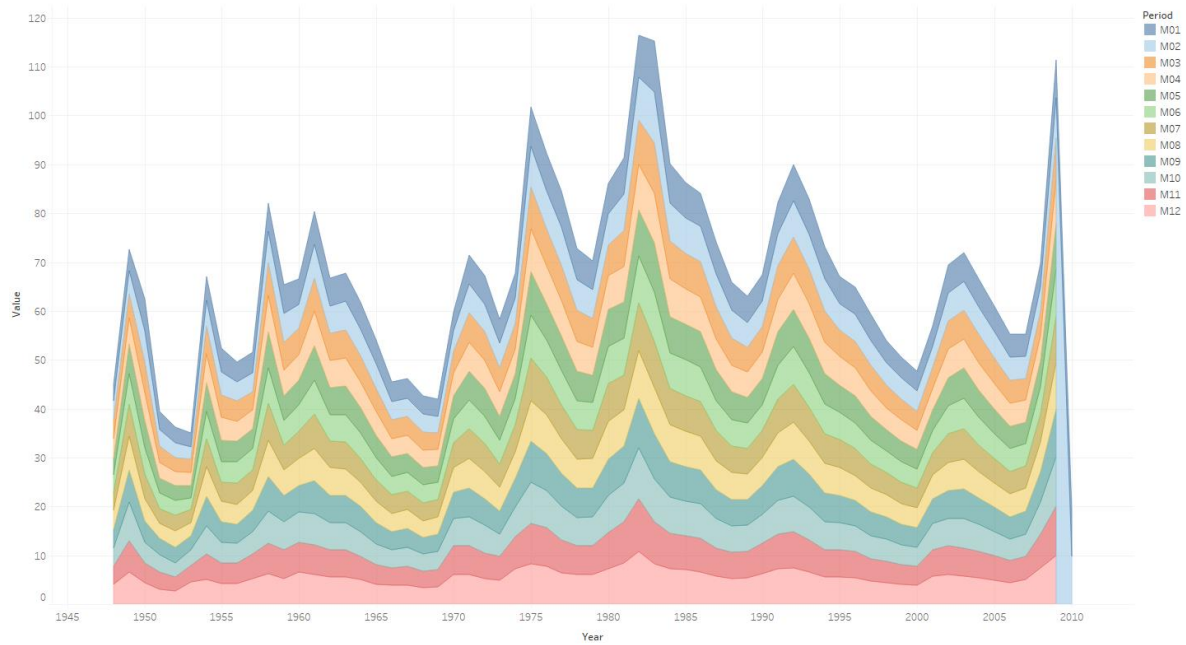
Period. Color shows sum of Value. Size shows sum of Value. The marks are labeled by Period.

Area Chart of year and value



The plot of sum of Value for Year.

Stacked Area chart for Year and Value sorted by Period



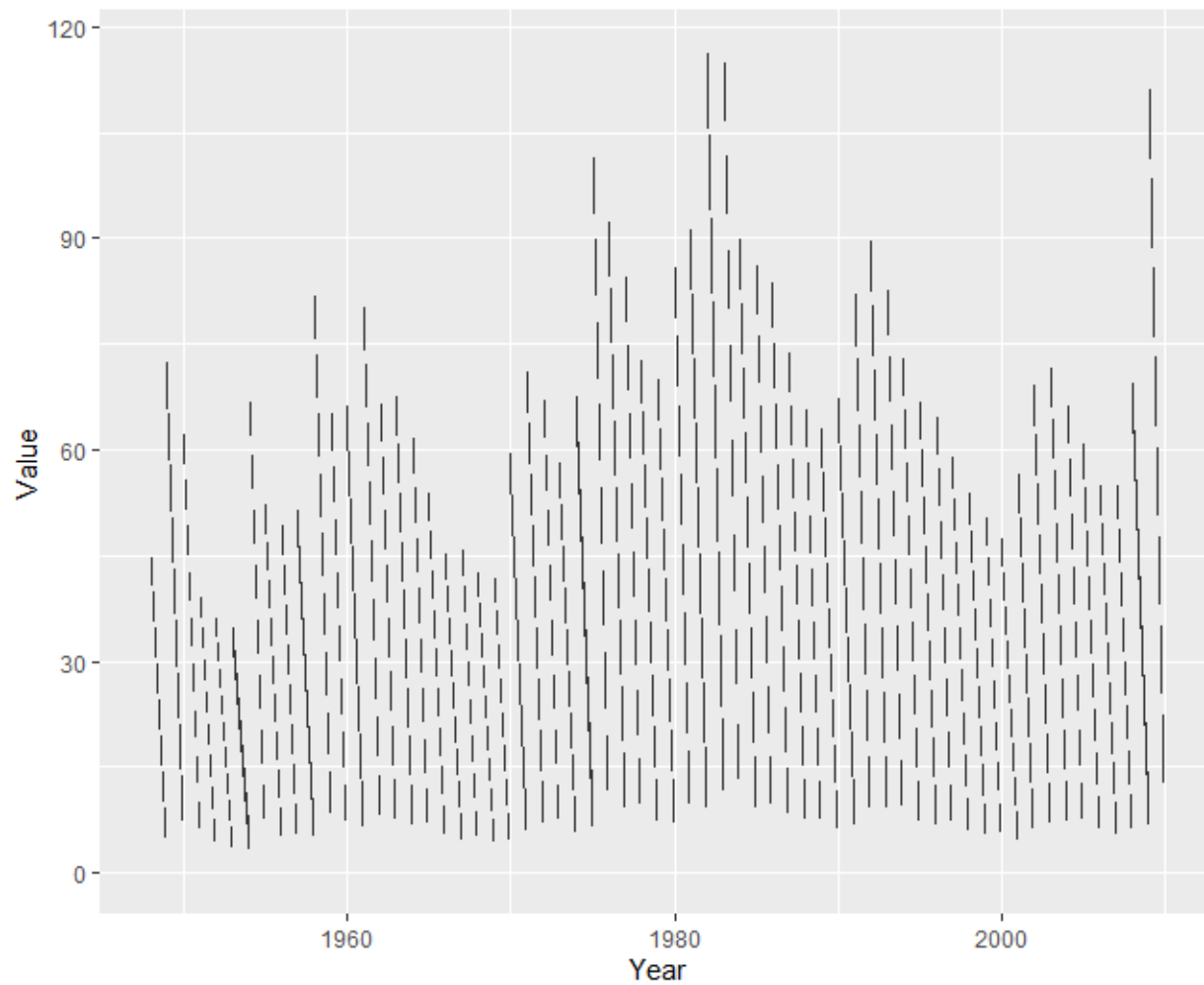
The plot of sum of Value for Year. Color shows details about Period.

R:

## Value

5.95.26.65.75.4					65.55.85.7					5.95.88.35.45.3					5.65.47.27.6				
3.86.46.35.510.4					7.95.310.410.14.7					76.15.75.610.8					56.25.95.75.5				
7.49.7M028.13.97.8					74.5M107.77.57.4					6.93.5M111.13.97.8					6.95.3M063.54.58.8				
7.24.77.76.93.45.6					6.88.87.36.56.15.9					107.56.86.46					4.65.27.87.376.3				
4.88.97.65.354.4					3.74.27.15.654.4					6.64.87.45.54.74.64.5					4.310.17.56.143.93.8				
4.27.15.14.64.13.12.8					5.48.46.65.14.13.43.13					6.28.57.254.33.42.8					4.34.97.45.83.73.53.24.23.63.2.5				
5.85.77.36.6					5.59.45.87.85					5.97.65.55.4					5.65.17.49.4				
4.945.95.45.3					7.56.15.75.65.4					7.15.610.159.89.2					6.17.14.35.55.4				
5.610.4M014.28.18					74.9M0747.73.8					6.74.4M099.6.86.6					5.910.1M057.63.57				
9.77.93.73.46.7					9.87.46.765.25.1					8.43.76.25.14.94.8					4.96.965.85.7				
7.54.63.96.565.25.1					6.94.67.24.84.53.73.6					6.13.97.35.74.74.64.5					7.54.66.35.24.23.9				
6.44.37.76.354.73.2					6.24.46.84.74.33.53.14.23.22.6					63.875.24.23.33.12.9					7.2934.843.5				
66.65.75.55.4					65.76.15.6					5.25.95.85.67.7					5.77.46.35.8				
5410.85.35.2					7.45.45.25.14.99.8					7.43.85.45.310.2					8.64.75.610.35.15				
7.410M123.38.27.8					6.99.7M081.47.87.7					7.25.1M043.84.33.9					5.49M033.87.63.7				
7.34.93.86.46.15.6					4.83.87.13.57					57.36.76.46.3					4.476.86.76.6				
7.24.476.34.74.54.3					6.89.57.66.654.74.6					7.14.776.14.64.54.4					5.24.26.96.55.94.94.6				
8.56.56.23.93.43.13.52.7					4.14.57.55.33.92.7					5.79.36.94.83.52.92.7					7.243.46.554.32.8				

Value vs Year



### Value vs Year by Period

