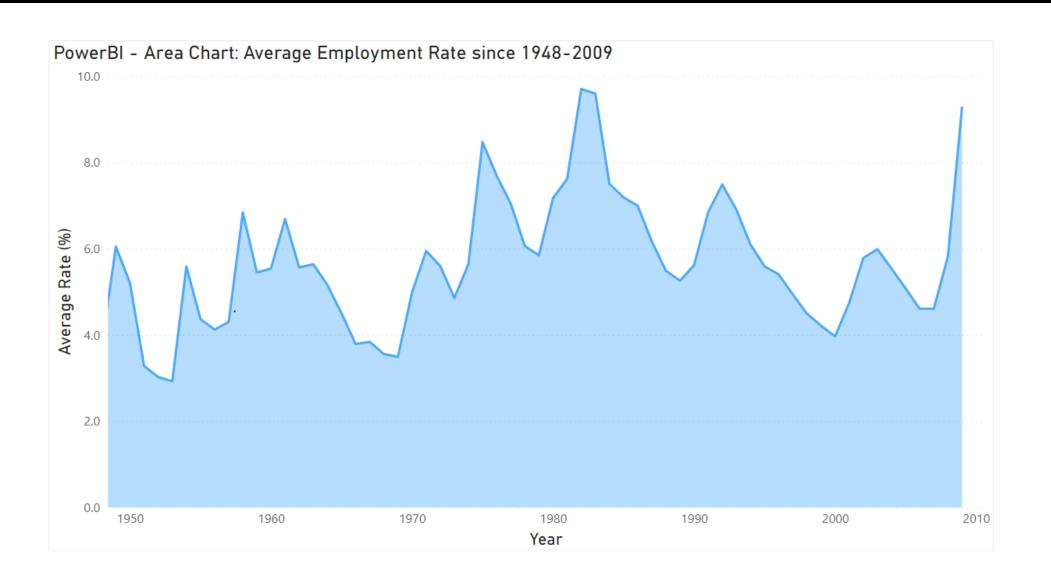
Assignment 3.2 Charts

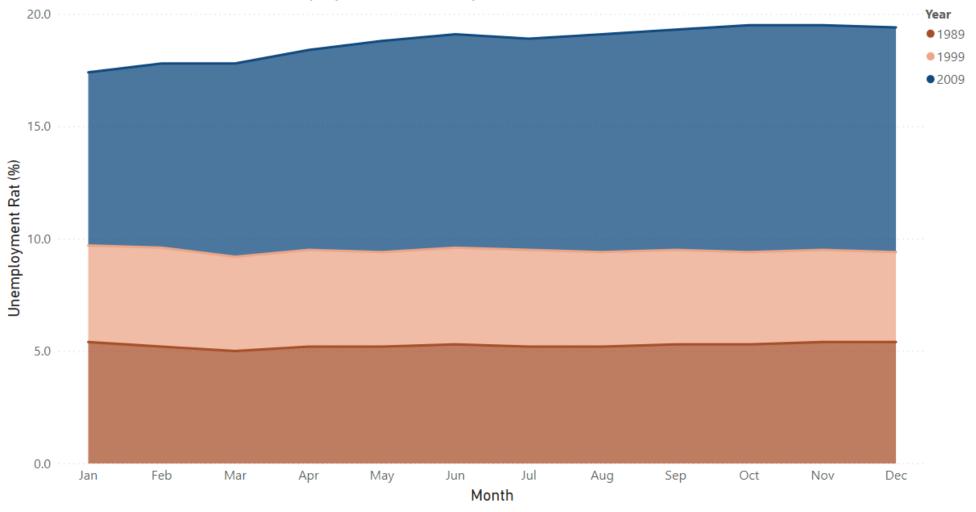
DSC640 Taniya Adhikari

#### PowerBl – Area Chart

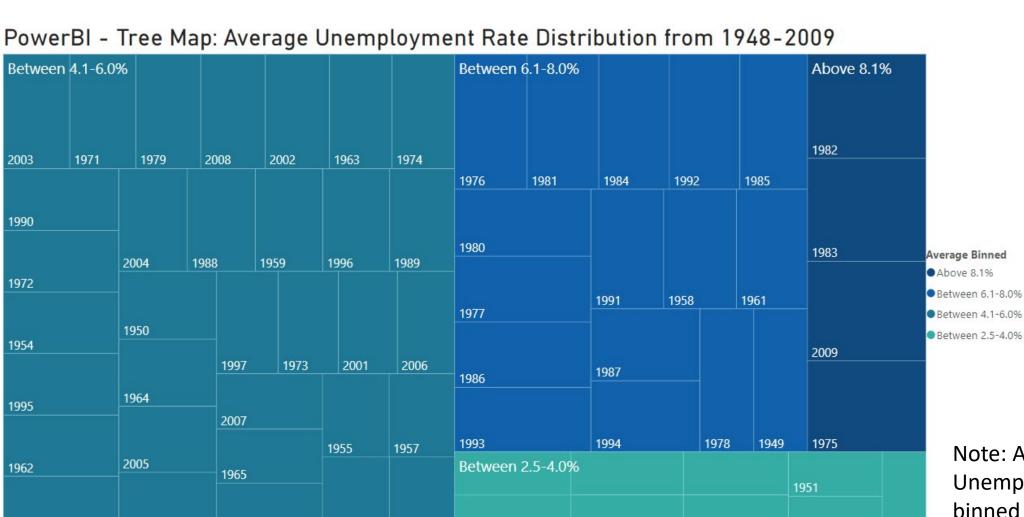


### PowerBI – Stacked Area Chart





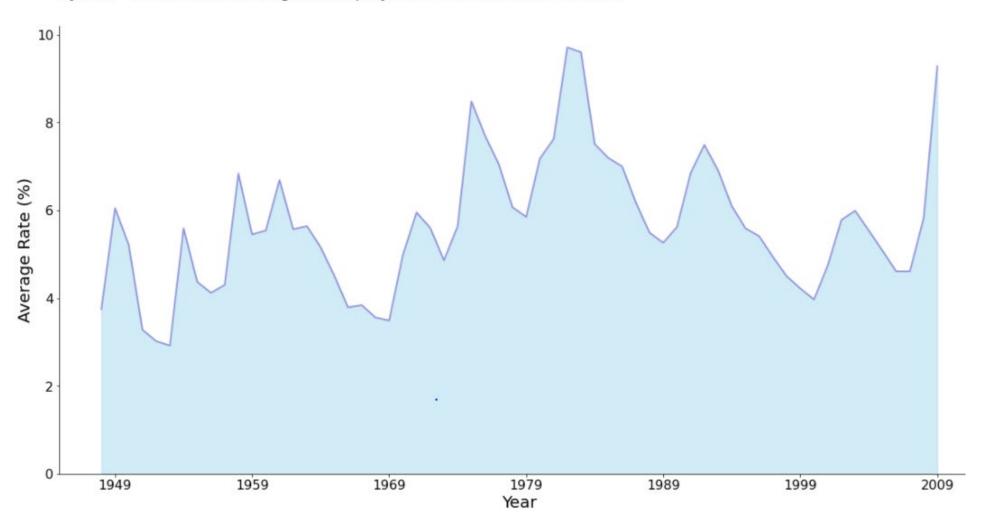
#### PowerBI – Tree Map



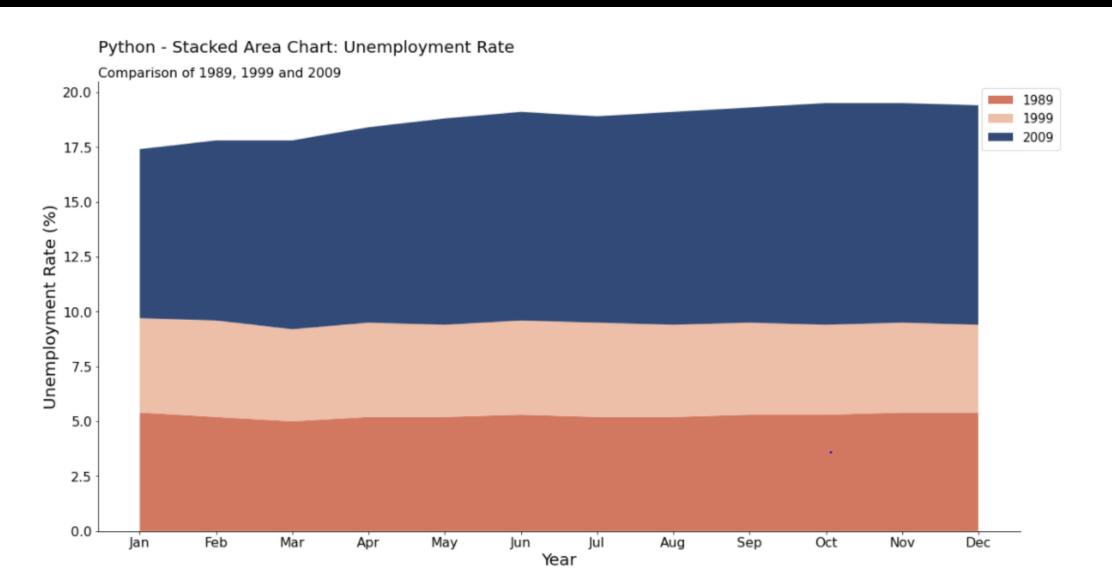
Note: Average Unemployment Rate is binned into categories to plot Tree Maps

# Python – Area Chart

Python - Area Chart: Average Unemployment Rate Since 1948-2009

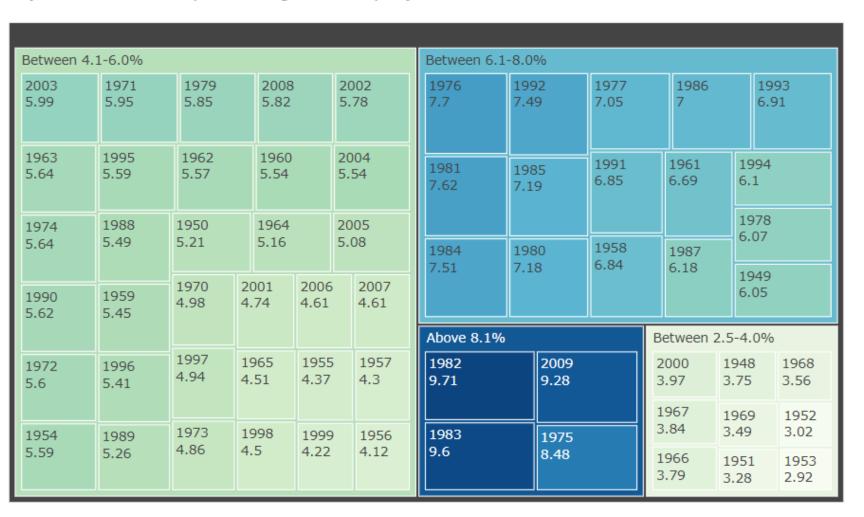


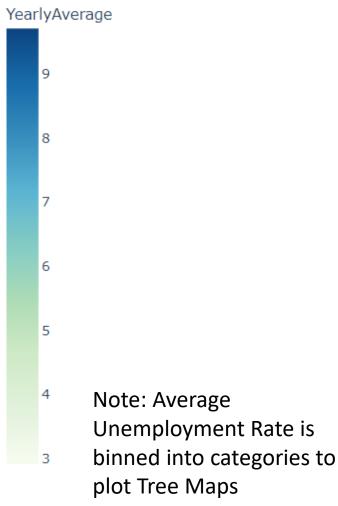
## Python – Stacked Area Chart



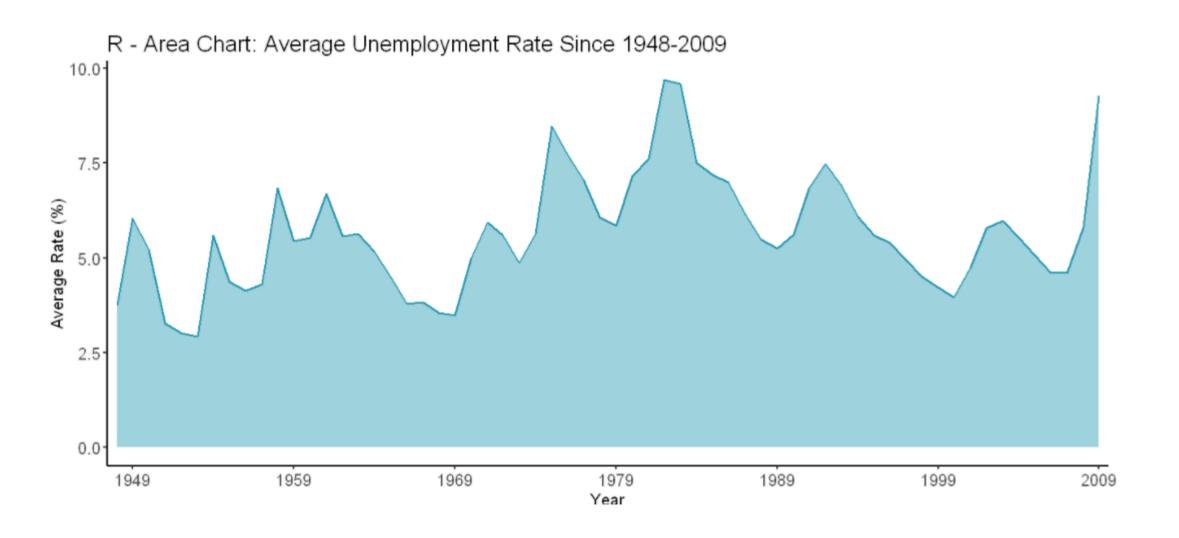
#### Python – Tree Map

Python - Tree Map: Average Unemployment Rate Distribution from 1948-2009

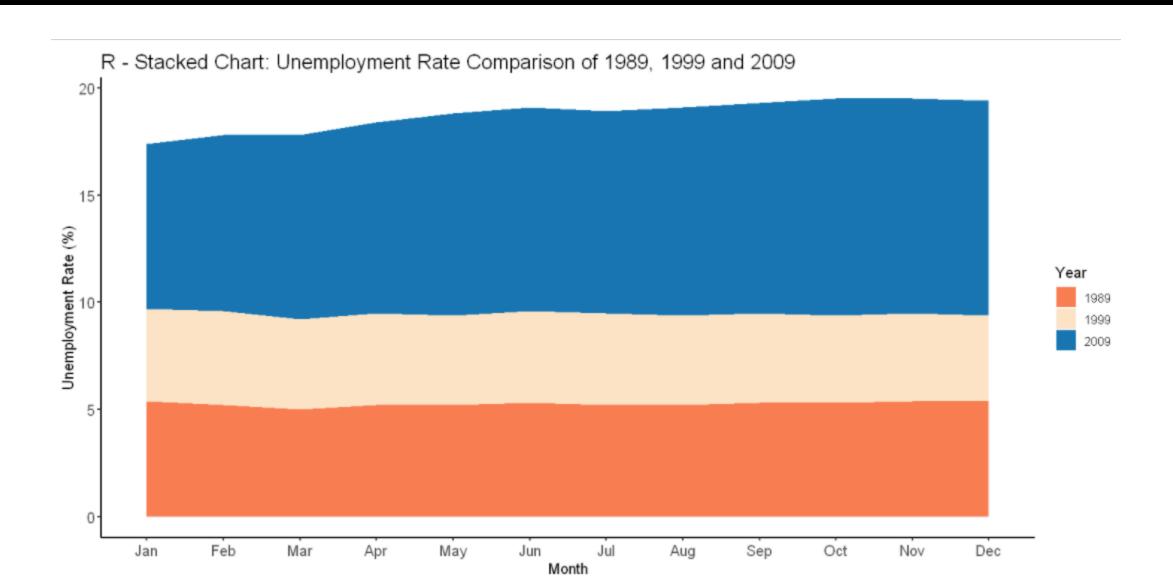




#### R – Area Chart



#### R – Stacked Area Chart



#### R – Tree Map

#### R - Tree Map: Yearly Average Unemployment Rate from 1948-2009

1981 Average: 7.62%	2008 Average: 5.82%	1988 Average: 5.49%	1973 Average: 4.869	6 Aver	1957 rage: 4.3%	2000 Average: 3.97%		1951 Average: 3.28%	1953 Average: 2.92%
		Acceptance Control of the Control of	1997		1955			1969 Average: 3.49%	1952 Average: 3.02%
1976 Average: 7.7% 1975 Average: 8.47%	1979 Average: 5.85%	2004 Average: 5.54%	Average: 4.94%		age: 4.37%			1948 Average: 3.75%	1968 Average: 3.56%
	1971 Average: 5.95%	1960 Average: 5.54%	1970 Average: 4.98%		1998 rage: 4.5%	1999 Average: 4.22%		1967 Average: 3.84%	1966 Average: 3.79%
	2003 Average: 5.99%	1962 Average: 5.57%	2005 Average: 5.089	6 Aver	2001 age: 4.74%			2007 Average: 4.61%	1965 Average: 4.51%
2009 Average: 9.28%	1949 Average: 6.05%	1995 Average: 5.59%	1959 Average: 5.45%		1996 Average: 5.41% Ave		.26%	1950 Average: 5.21%	1964 Average: 5.16%
1983	1978 Average: 6.07%	2002 Average: 5.78%	1963 Average: 5,64%		1974 1990 age: 5.64% Average: 5.6		2%	1972 Average: 5.6%	1954 Average: 5,59%
Average: 9.6% 1982 Average: 9.71%	1993 Average: 6.91%	1991 Average: 6.85%	1958 6 Average: 6		1961 Average: 6.69%		Ave	1987 erage: 6.17%	1994 Average: 6.1%
	1984 Average: 7.51%	1992 Average: 7,49%	1985 6 Average: 7	.19%	1980 Average: 7.17%		1977 Average: 7.05%		1986 Average: 7%

Note: Average Unemployment Rate is binned into categories to plot Tree Maps

Bins

Between 2.5-4.0% Between 4.1-6.0% Between 6.1-8.0% Above 8.0%

# Supplemental Files

- Python Code
- R Code
- PowerBI Files