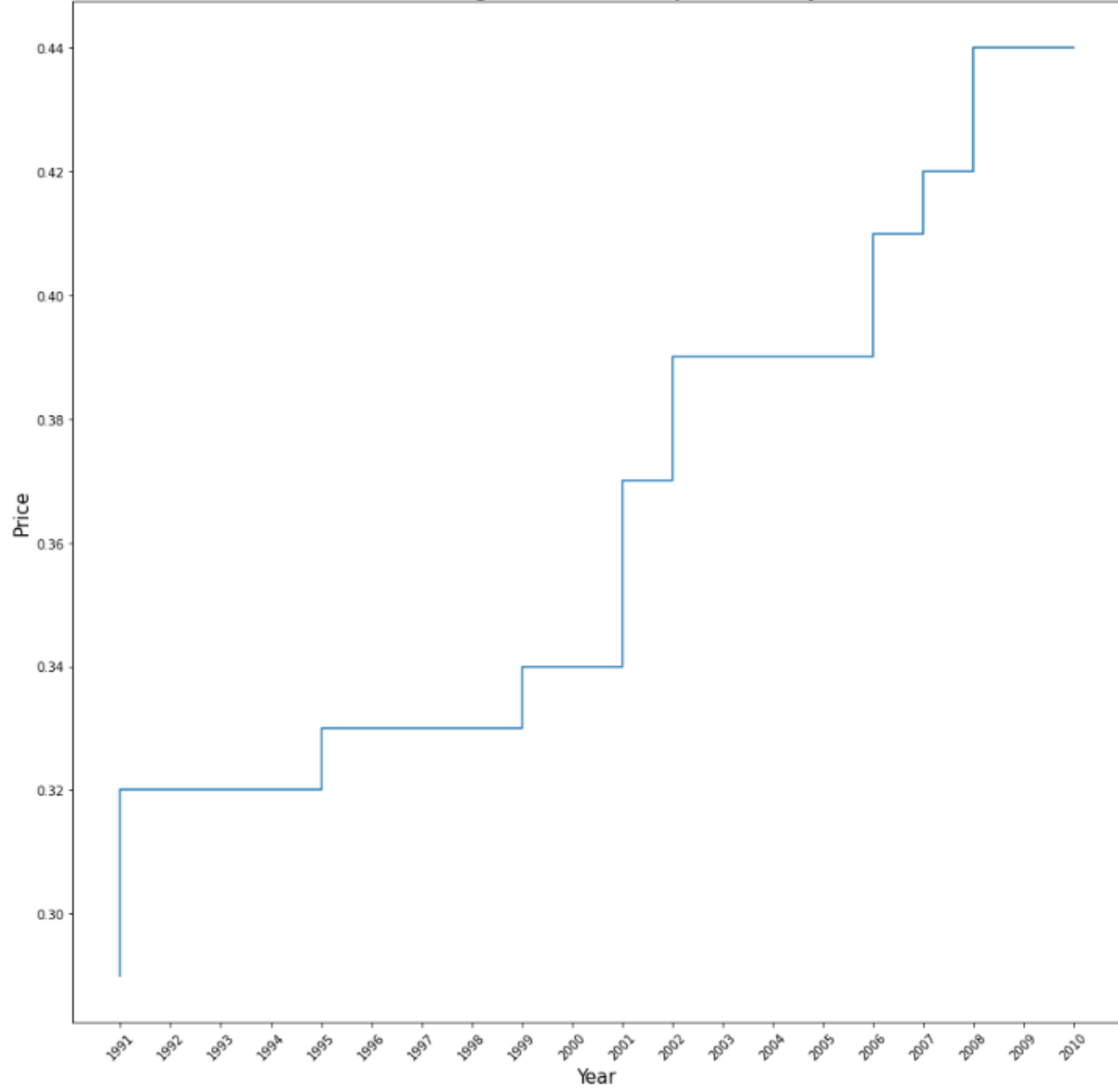Rahul Rajeev
DSC640-T301
Prof. Catherine Williams

2.2 Exercises (Tree Map, Step Chart, Area Chart, Stacked Area Chart)
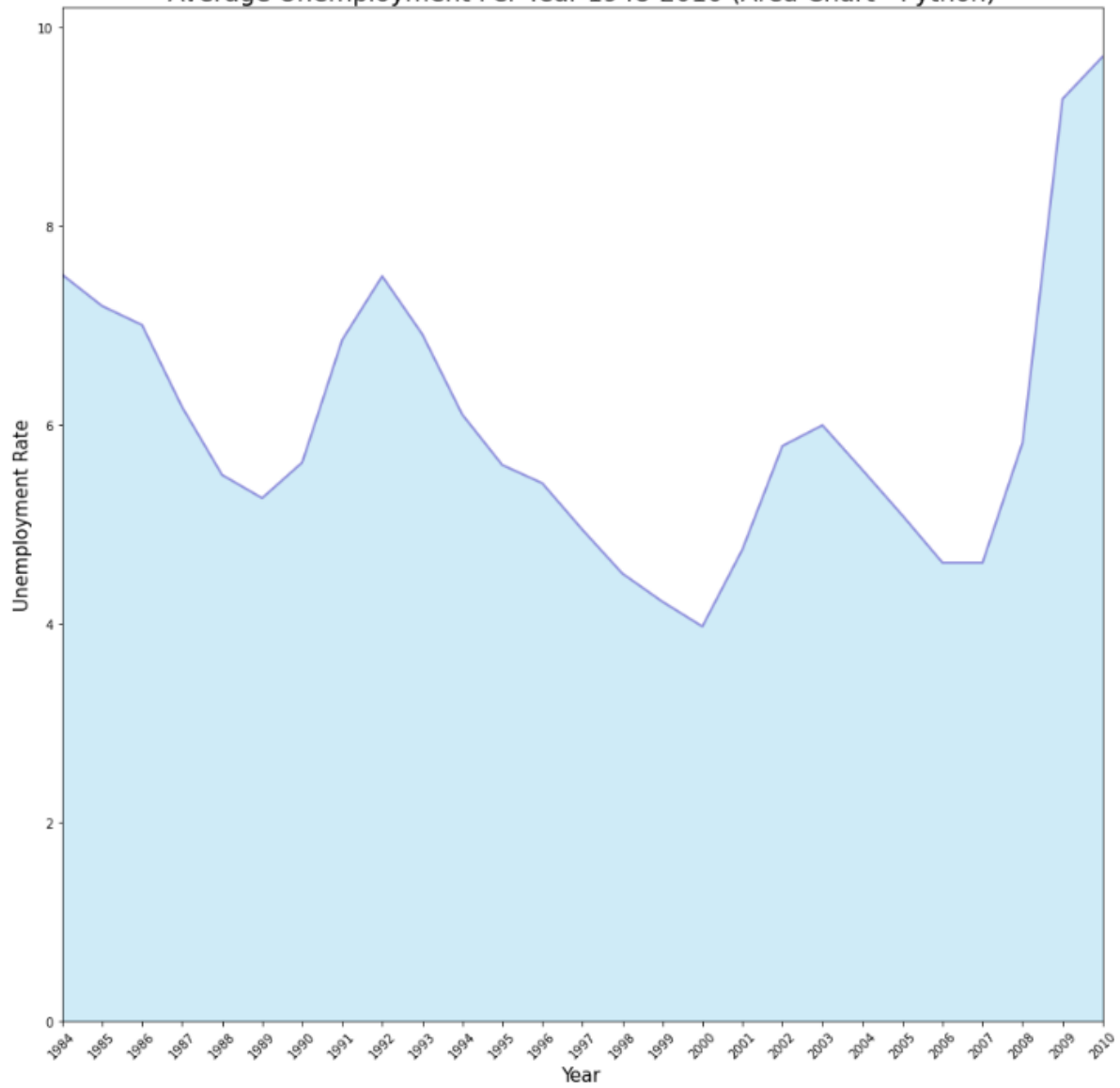
Python Visualizations

Percent Expenditures by Category (Tree Map - Python)

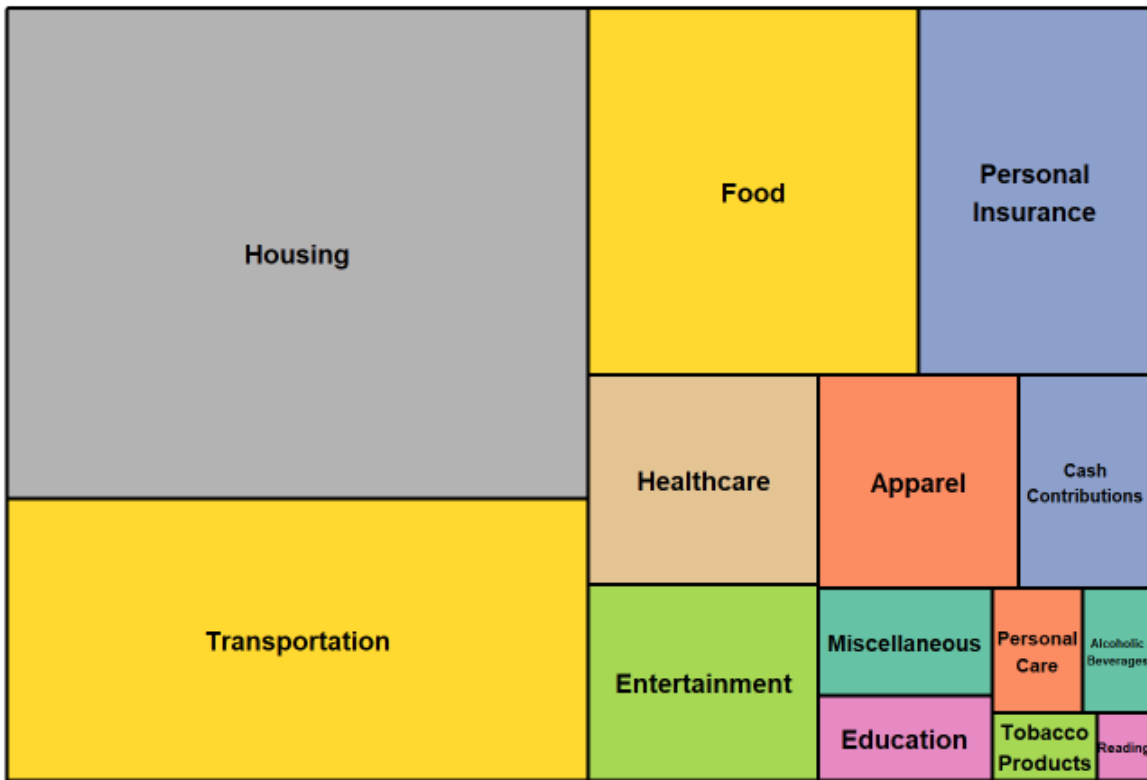Price of Postage Per Year (Step Chart - Python)

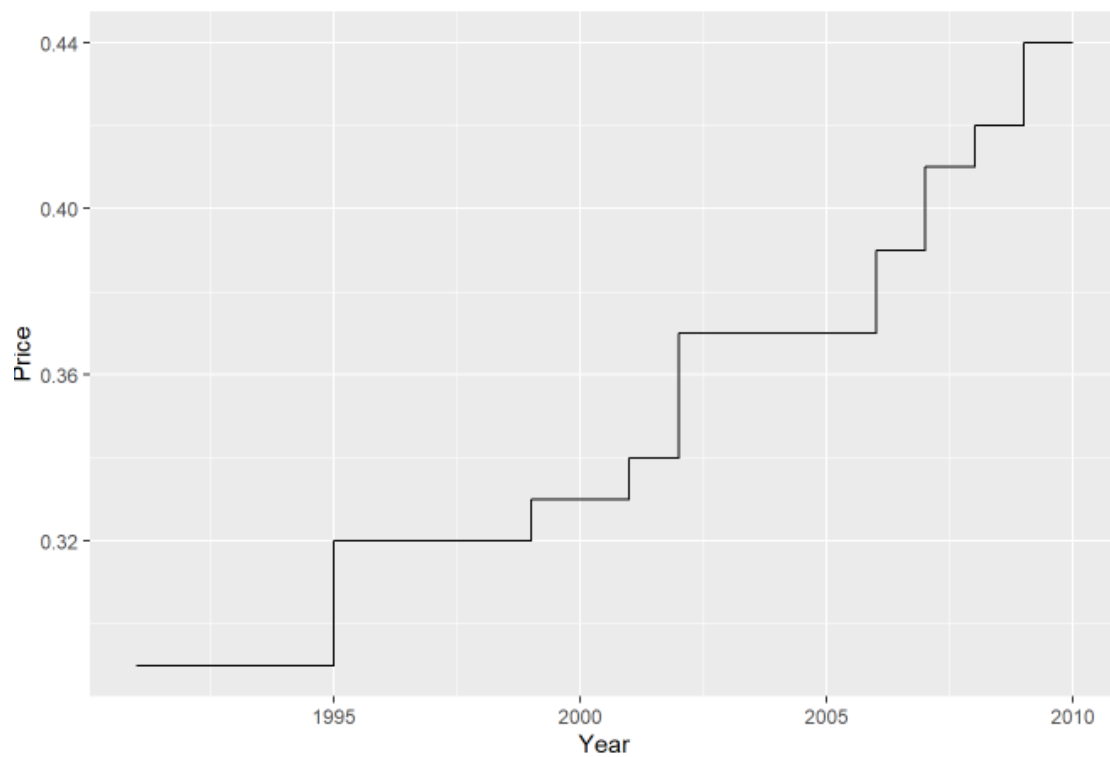Average Unemployment Per Year 1948-2010 (Area Chart - Python)

Cumulative Expenditure Per Year (Stacked Area Chart - Python)
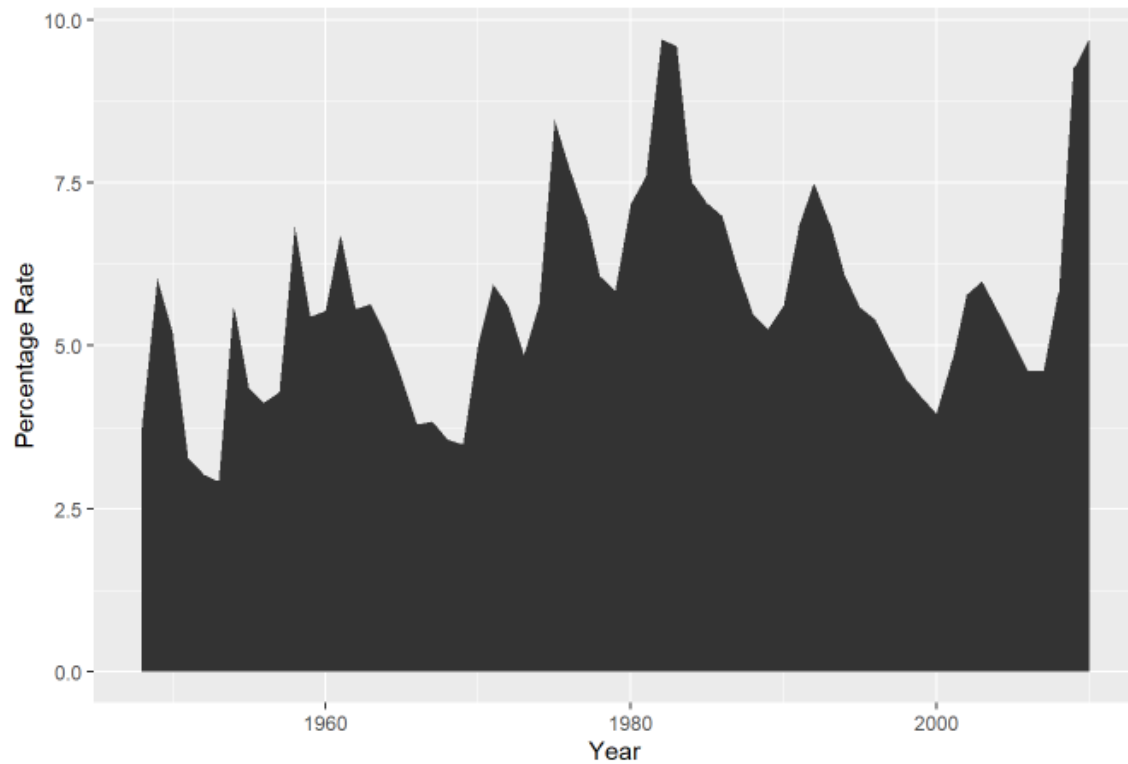
R Visualizations

Percent Expenditures by Category (Tree Map - R)

Price of Postage Per Year (Step Chart - R)

Average Unemployment Rate 1948-2010 (Area Chart - R)

Cumulative Expenditure Per Year (Stacked Area Chart - R)

Expenditures ($) by Category

Tree Map - PowerBI

Category ● Housing ● Transportation ● Food ● Personal Insurance ● Healthcare ● Entertainment ● Apparel ● Cash Contributions ● Miscellaneous ● Education ● Personal Care ● Alcoholic Beverages ● Tobacco Products ● Reading

Price of Postage Per Year (1991 - 2010)

Line Chart - PowerBI

Average Unemployment Rate (1948-2010)

Area Chart - PowerBI

Cumulative Expenditures by Year (1984-2008)

Stacked Area Chart - PowerBI

category ● Alcoholic Beverages ● Apparel ● Cash Contributions ● Education ● Entertainment ● Food ● Healthcare ● Housing ● Miscellaneous ● Personal Care ● Personal Insurance ● Reading ● Tobacco Products ● Transportation