2.2 Exercises: Charts

Alexa L. Wittlieff

College of Science and Technology, Bellevue University
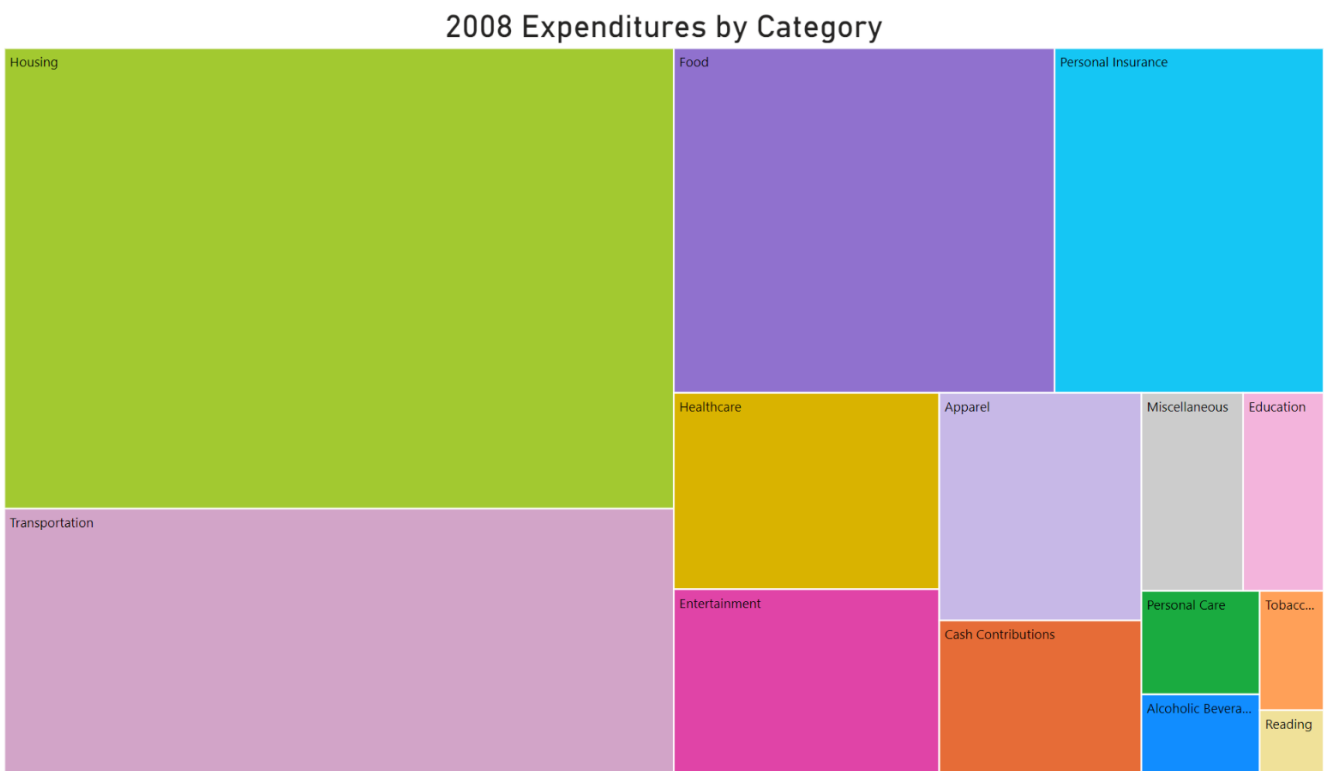
DSC640-T301 Data Presentation & Visualization (2227-1)

Dr. Catie Williams
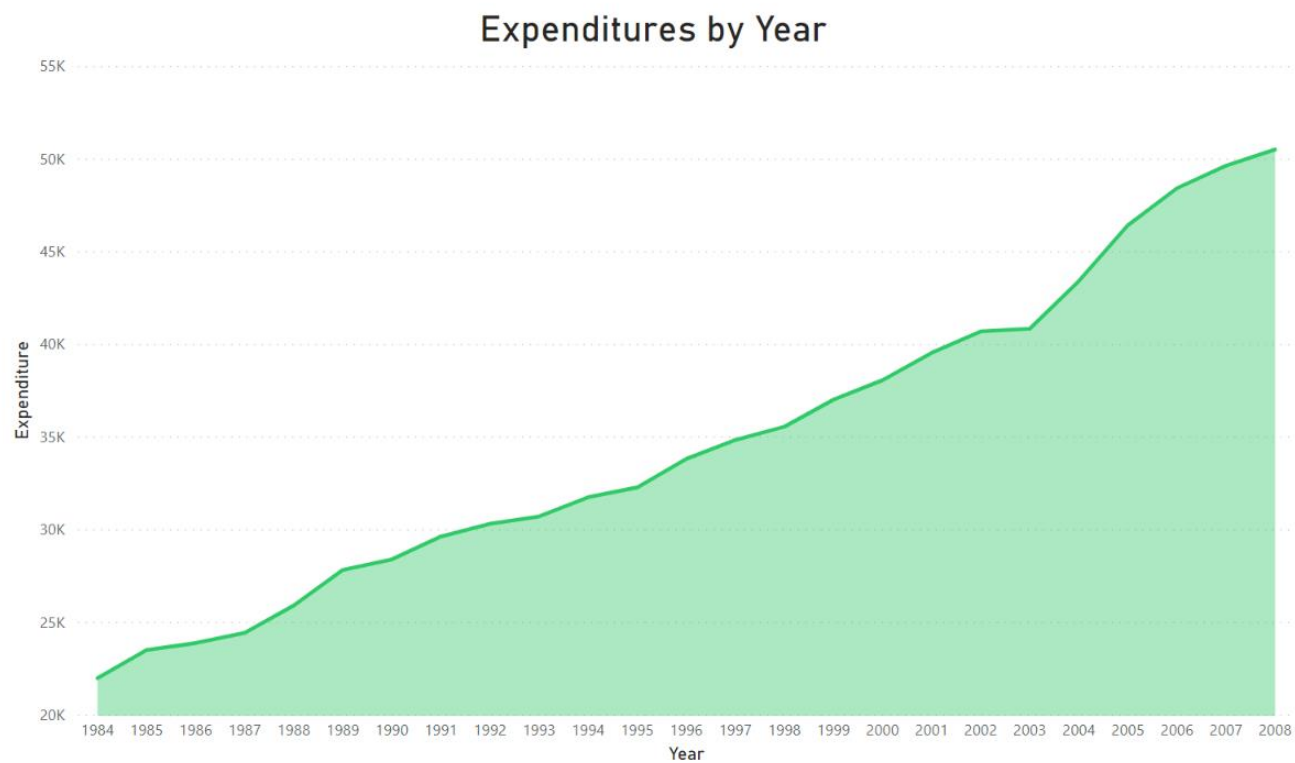
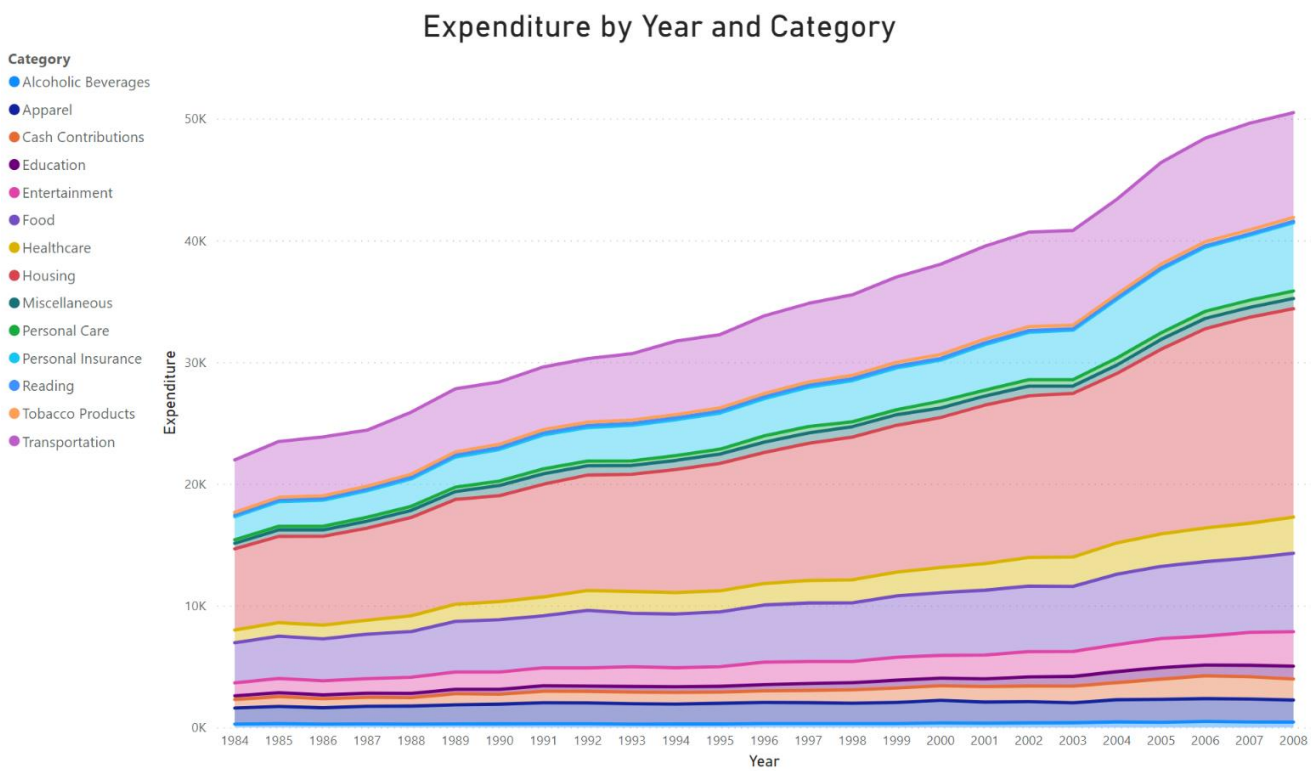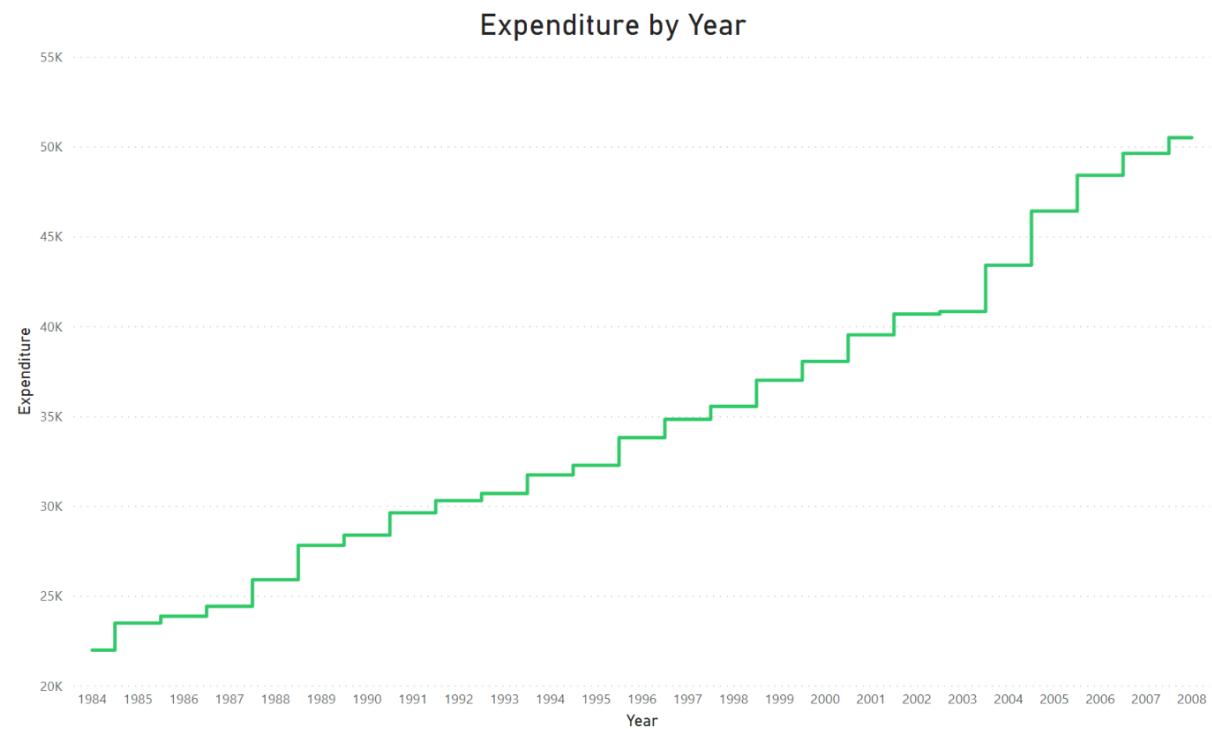July 3, 2022

2.2 Exercises: Charts

Power BI – Tree Map

2008 Expenditures by Category

Housing | Food | Personal Insurance
Transportation | Healthcare | Apparel | Miscellaneous | Education
Entertainment | Cash Contributions | Personal Care | Tobacc...
Alcoholic Bevera... | Reading

Power BI - Area Chart

Expenditures by Year

2.2 Exercises: Charts

Power BI - Stacked Area Chart

Expenditure by Year and Category

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

Power BI – Step Chart

Expenditure by Year

2.2 Exercises: Charts
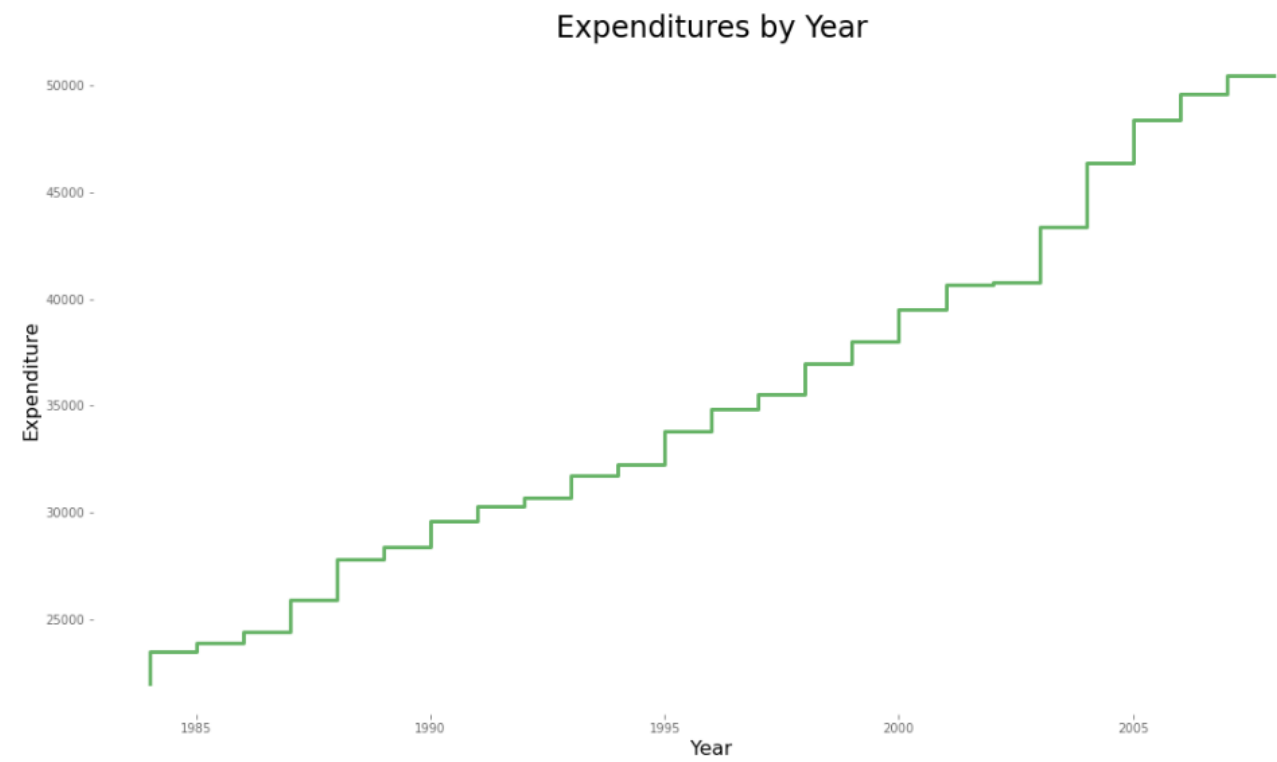
Python – Tree Map
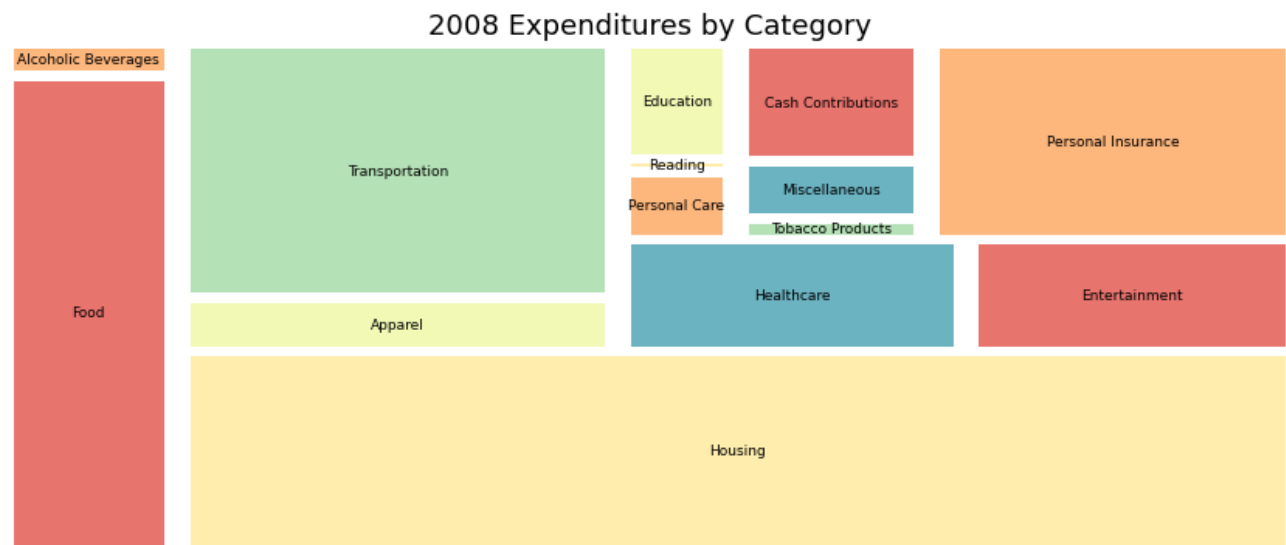
Python – Area Chart
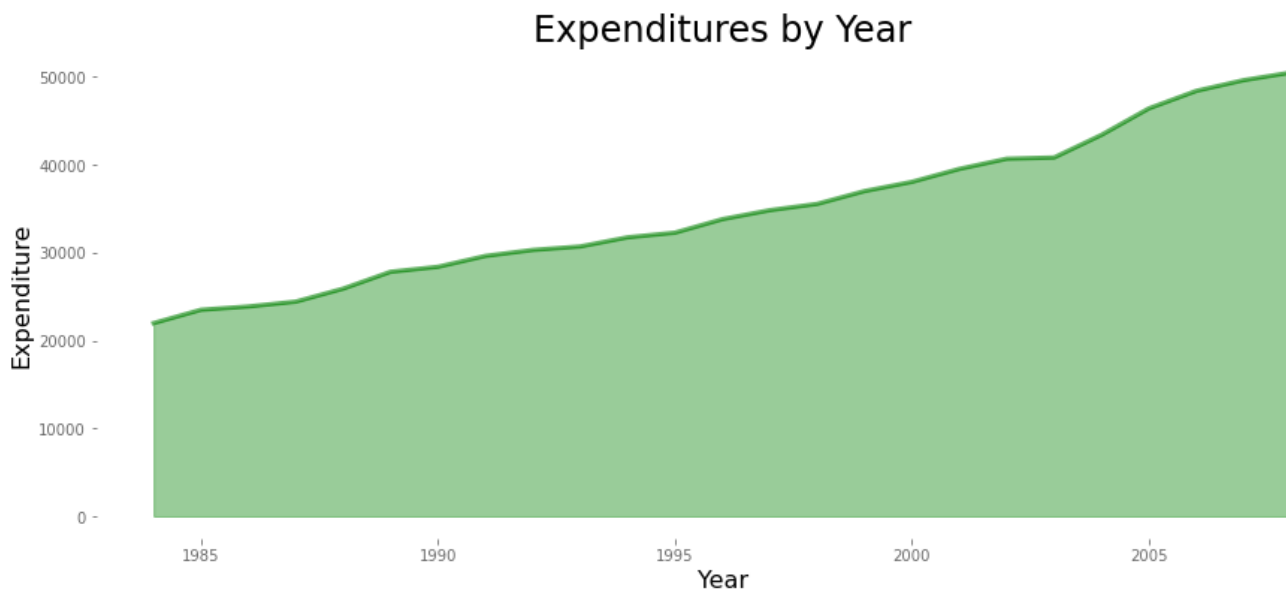
Python – Stacked Area Chart
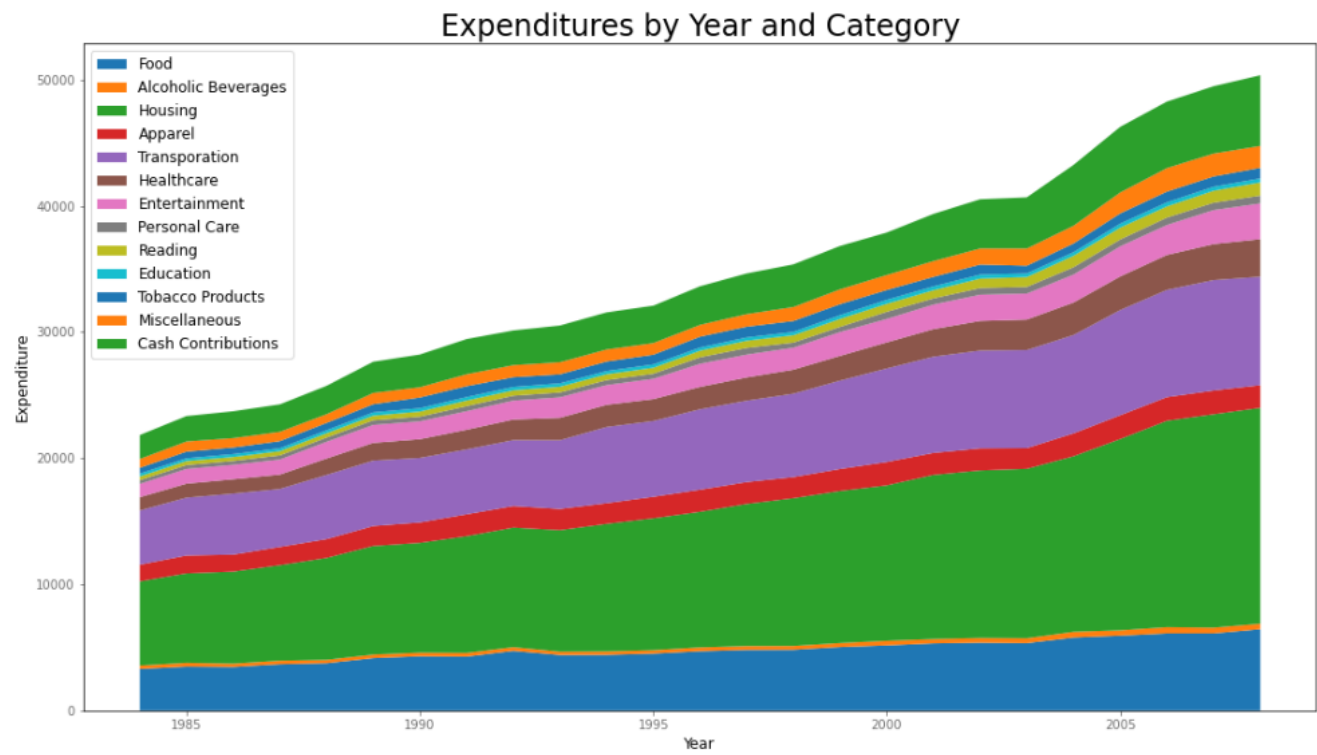
Python – Step Chart

2.2 Exercises: Charts

R Studio – Tree Map

2008 Expenditures by Category

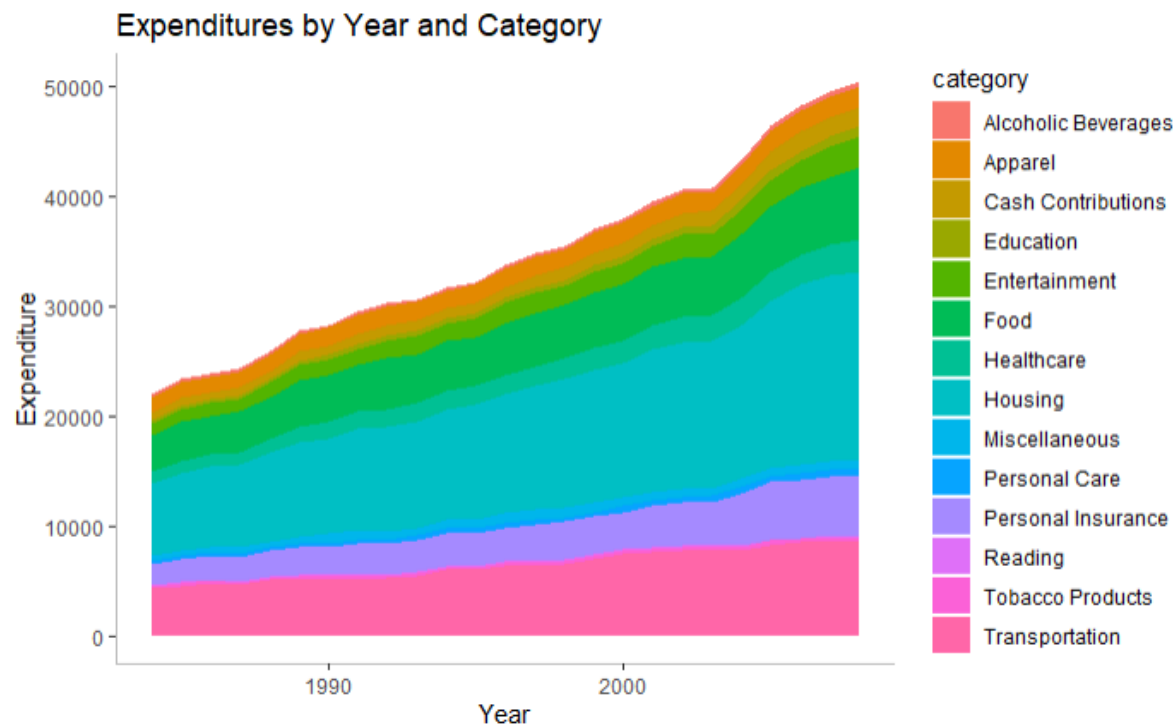|			
Transportation 8604	Apparel 1801	Personal Care 616	Tobacco Products 317
	Entertainment 2835	Education 1046	Miscellaneous 840
Housing 17109		Cash Contributions 1737	
	Personal Insurance 5605	Healthcare 2976	
	Food 6443		
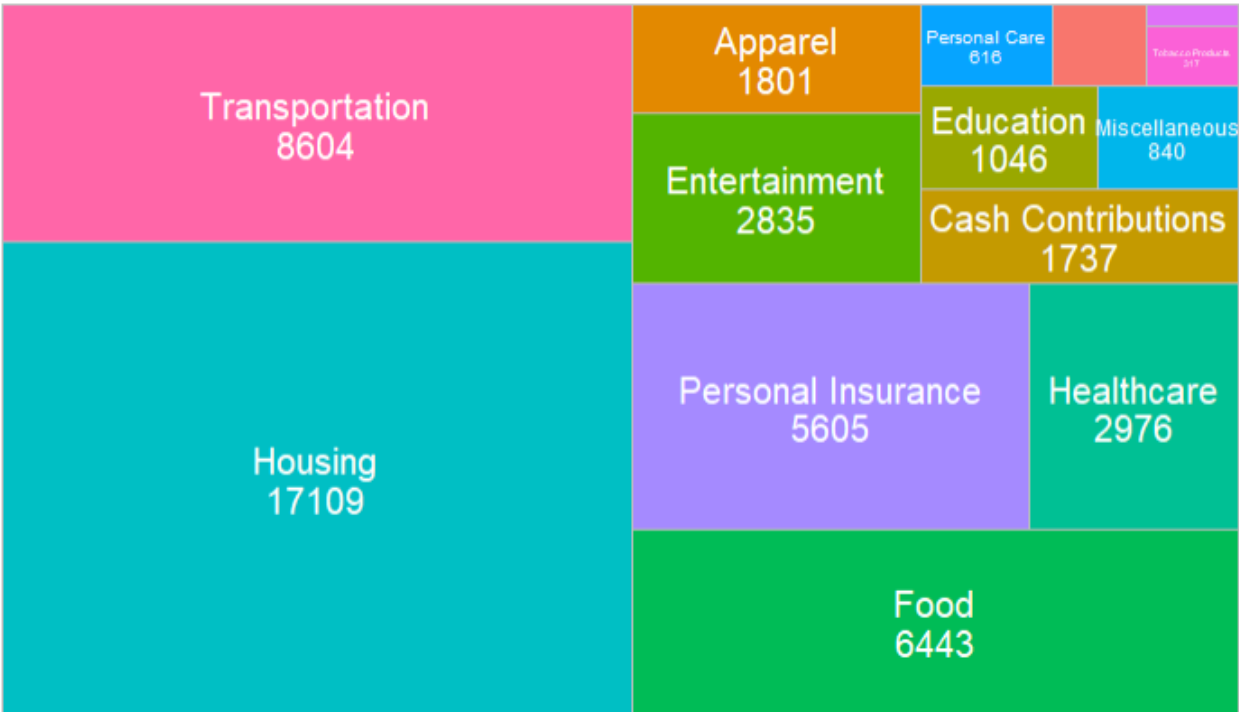
R Studio – Area Chart

Expenditures by Year
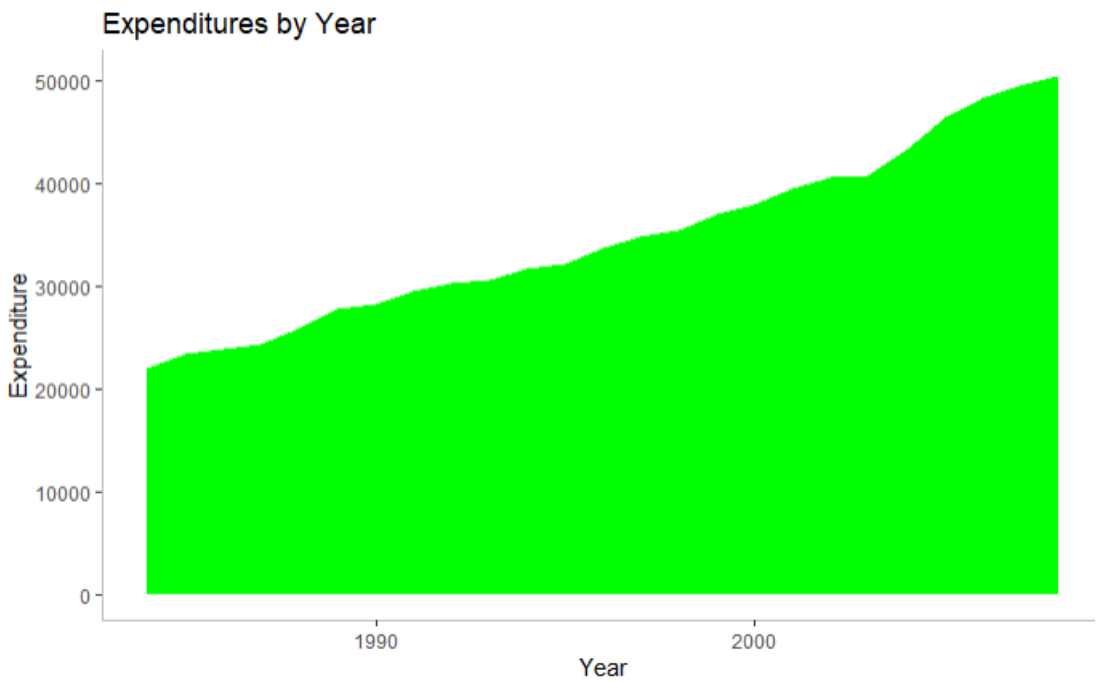
2.2 Exercises: Charts

R-Studio – Stacked Area Chart

R-Studio – Step Chart