

Data Presentation and Visualization
Tree Maps, Area Charts, and Stacked Area Charts

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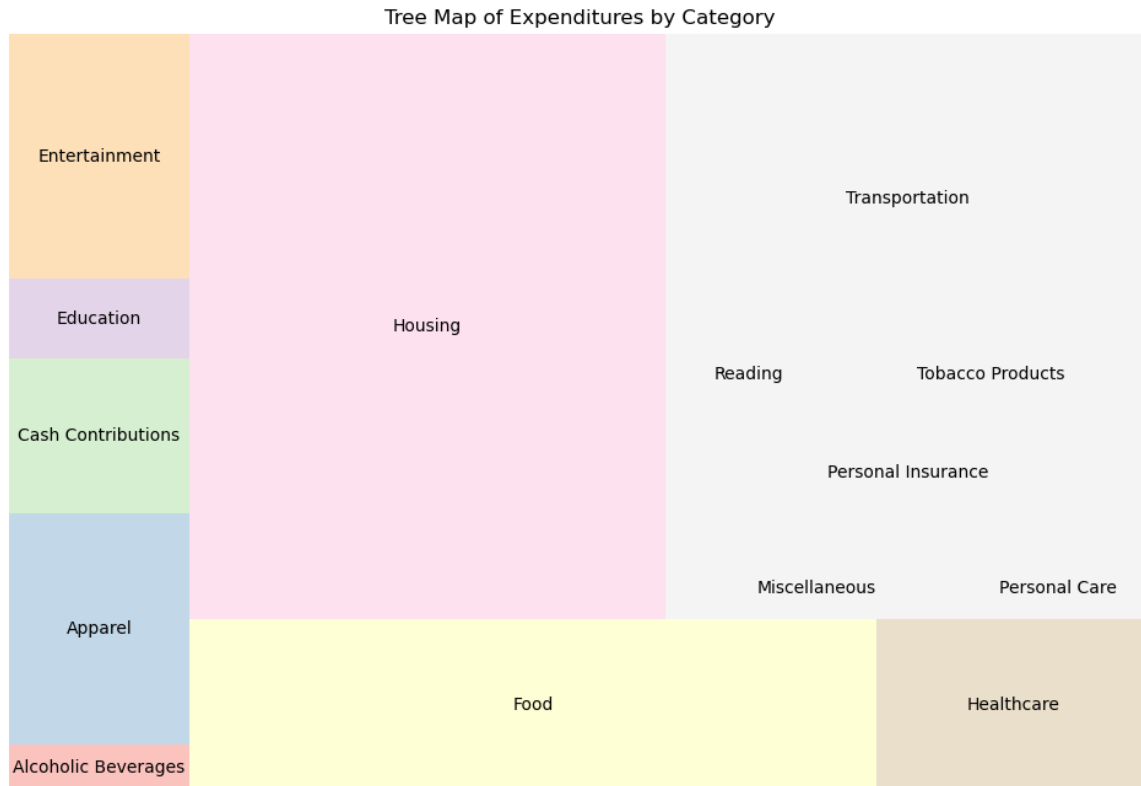
Introduction

The goal is to create a consolidated document displaying three charts generated using Python, R, and Power BI. The chart types are tree maps, area charts, and stacked area charts.

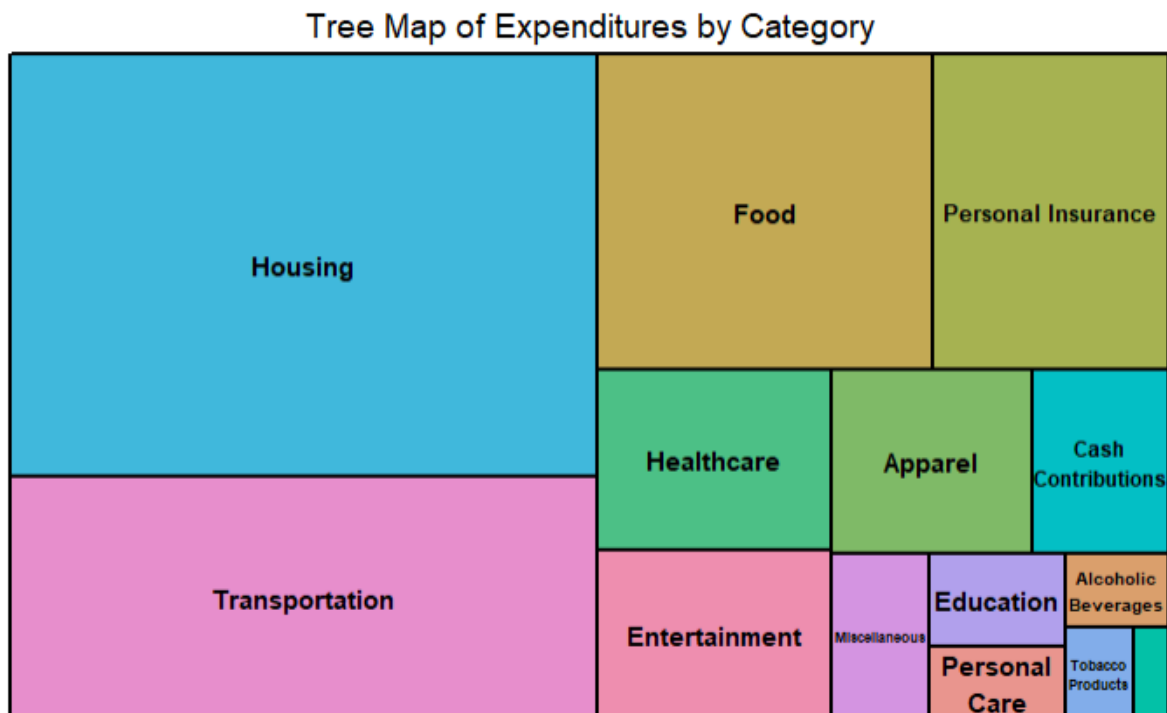
I have used the two datasets, 'expenditures' and 'unemployment rate 1948-2010' for these.

The expenditure file was originally a .txt file, but I converted it to a .a .csv file for easy parsing and loading.

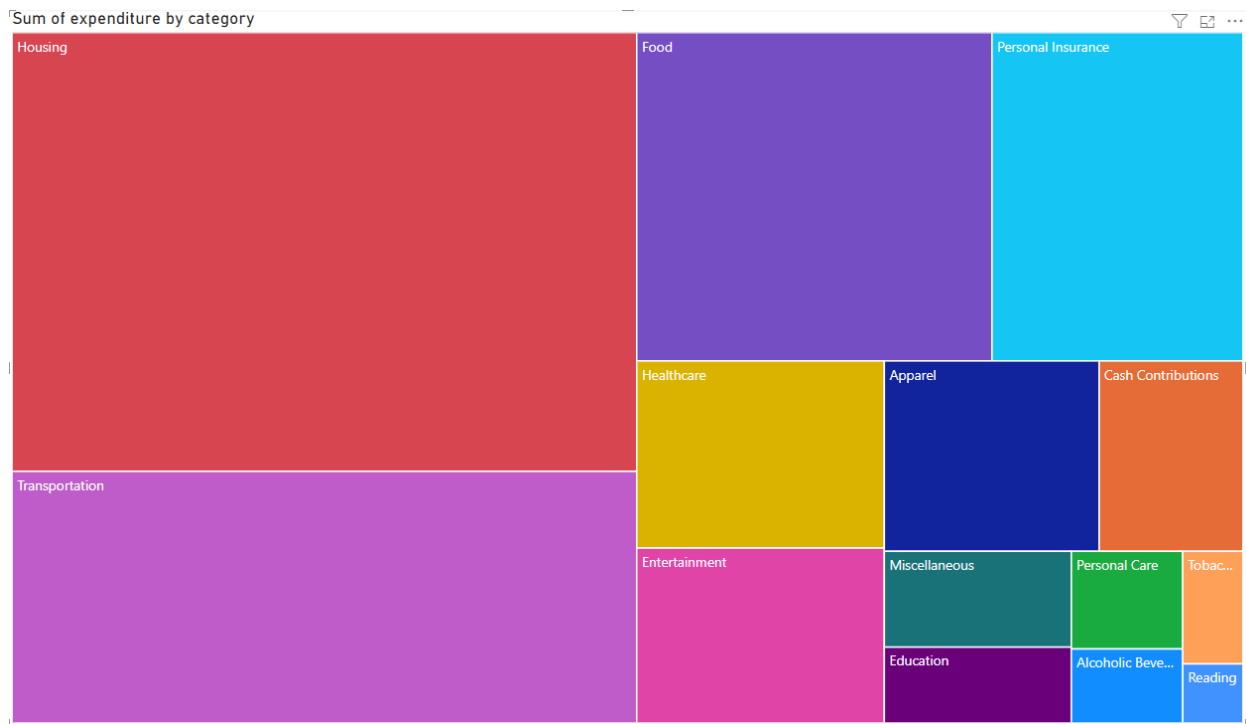
Tree Map – Python



Tree Map – R



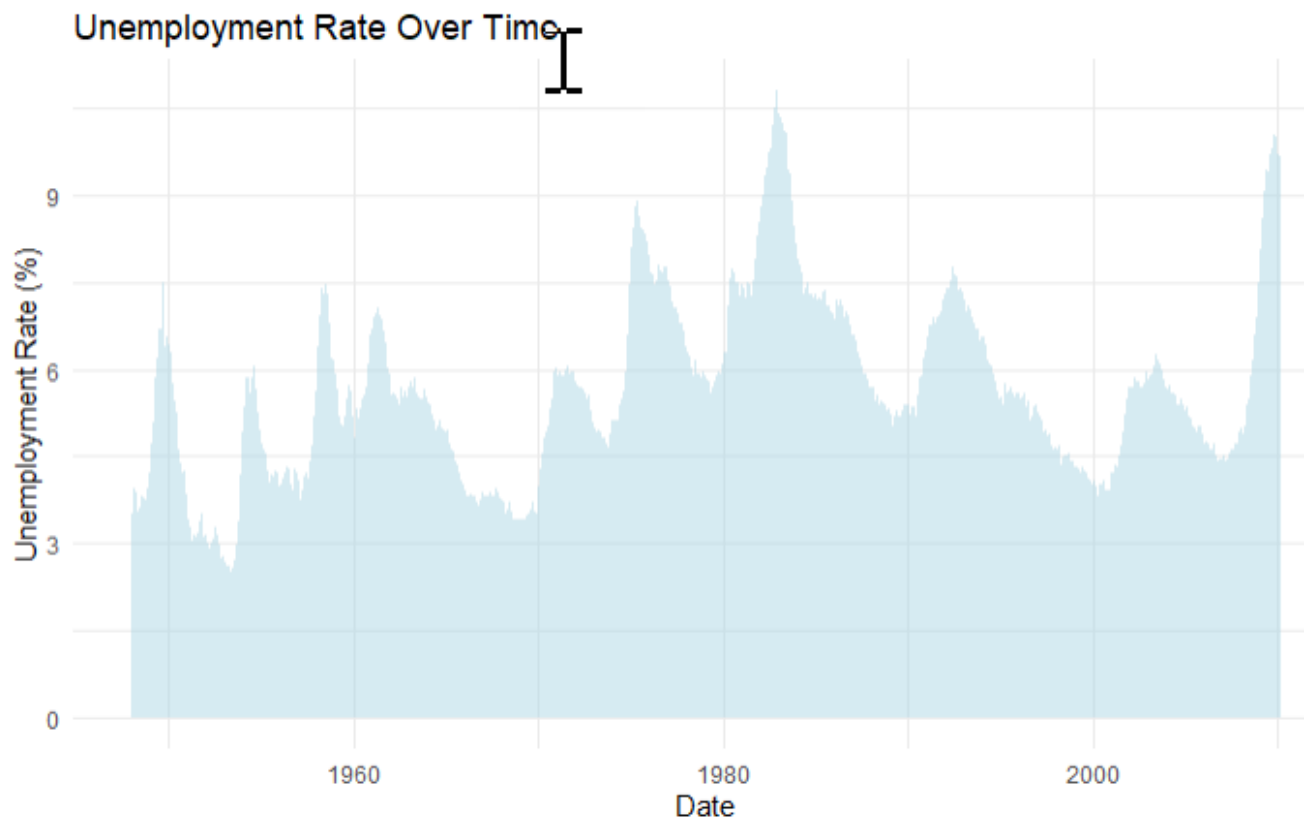
Tree Map – Power BI



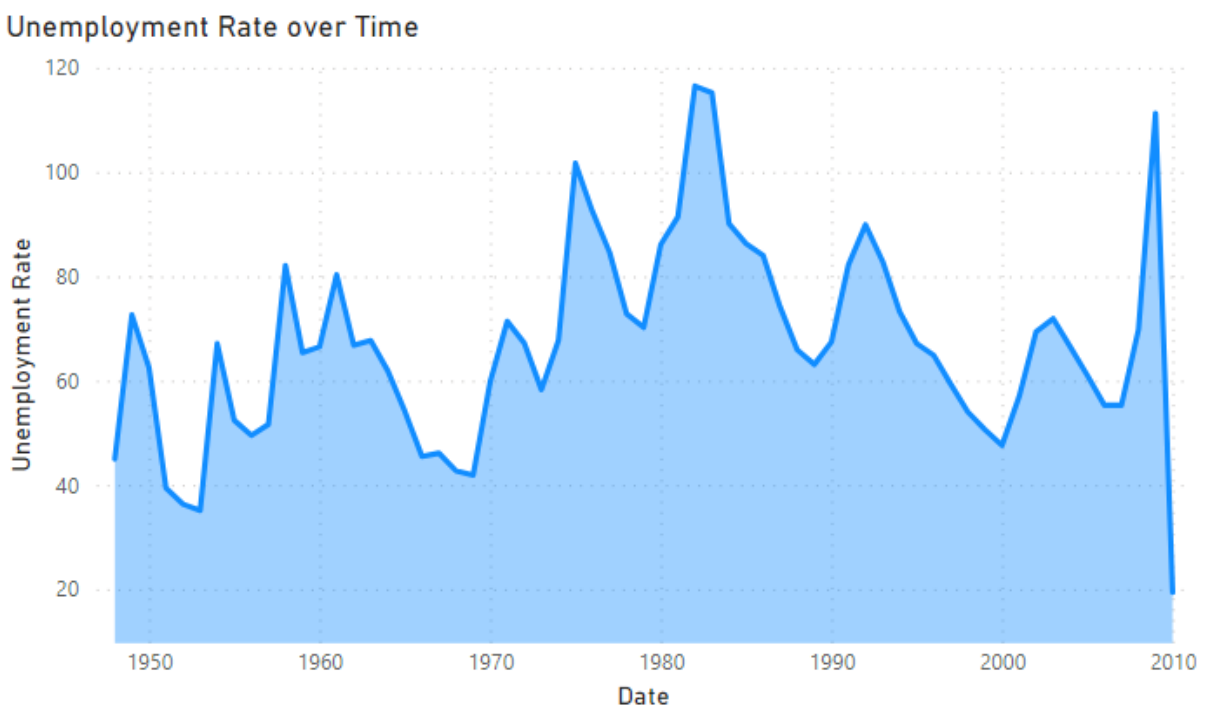
Area Chart – Python



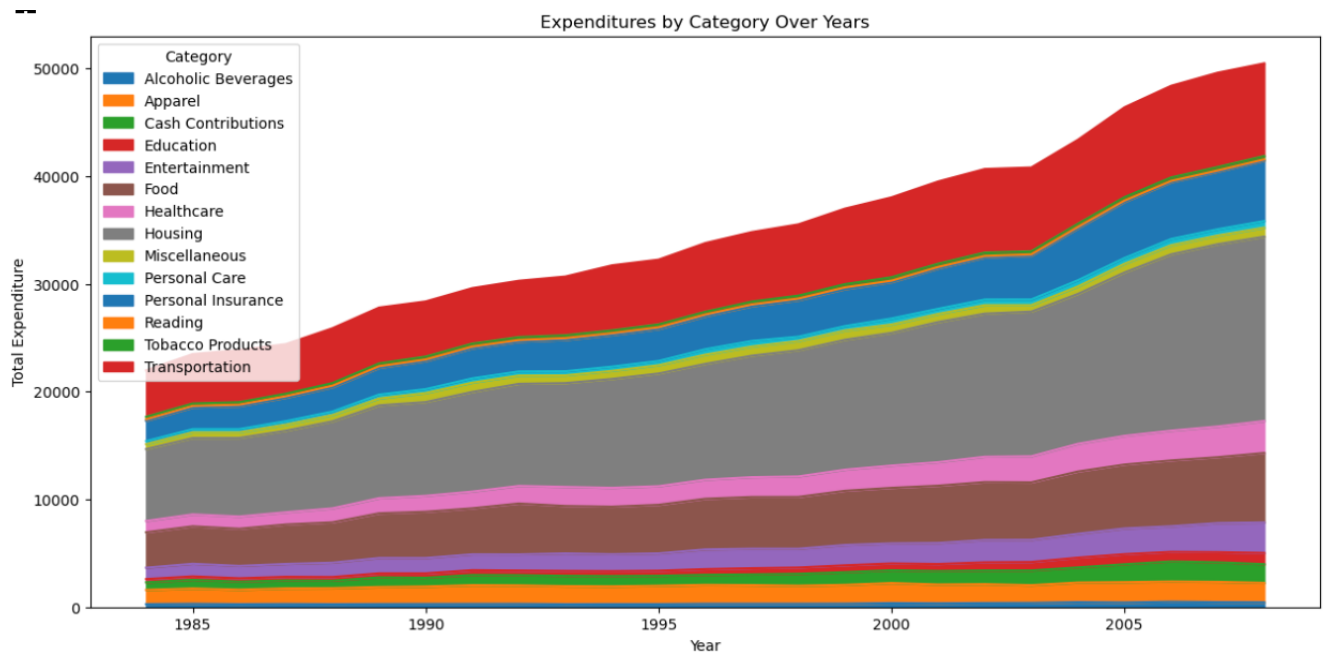
Area Chart – R



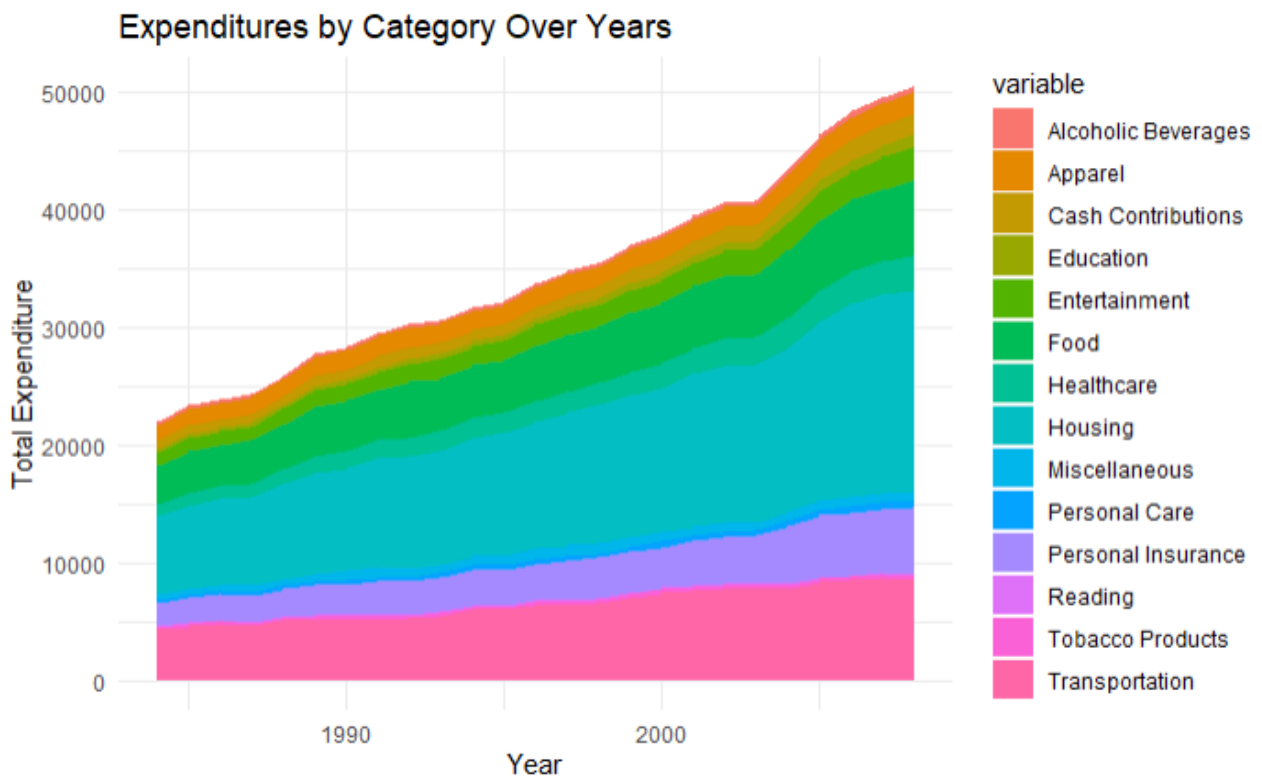
Area Chart – Power BI



Stacked Area Chart – Python



Stacked Area Chart – R



Stacked Area Chart – Power BI

Expenditures by Category over Years

