

### **3.2 Exercises**

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DSC 640: Data Presentation & Visualization

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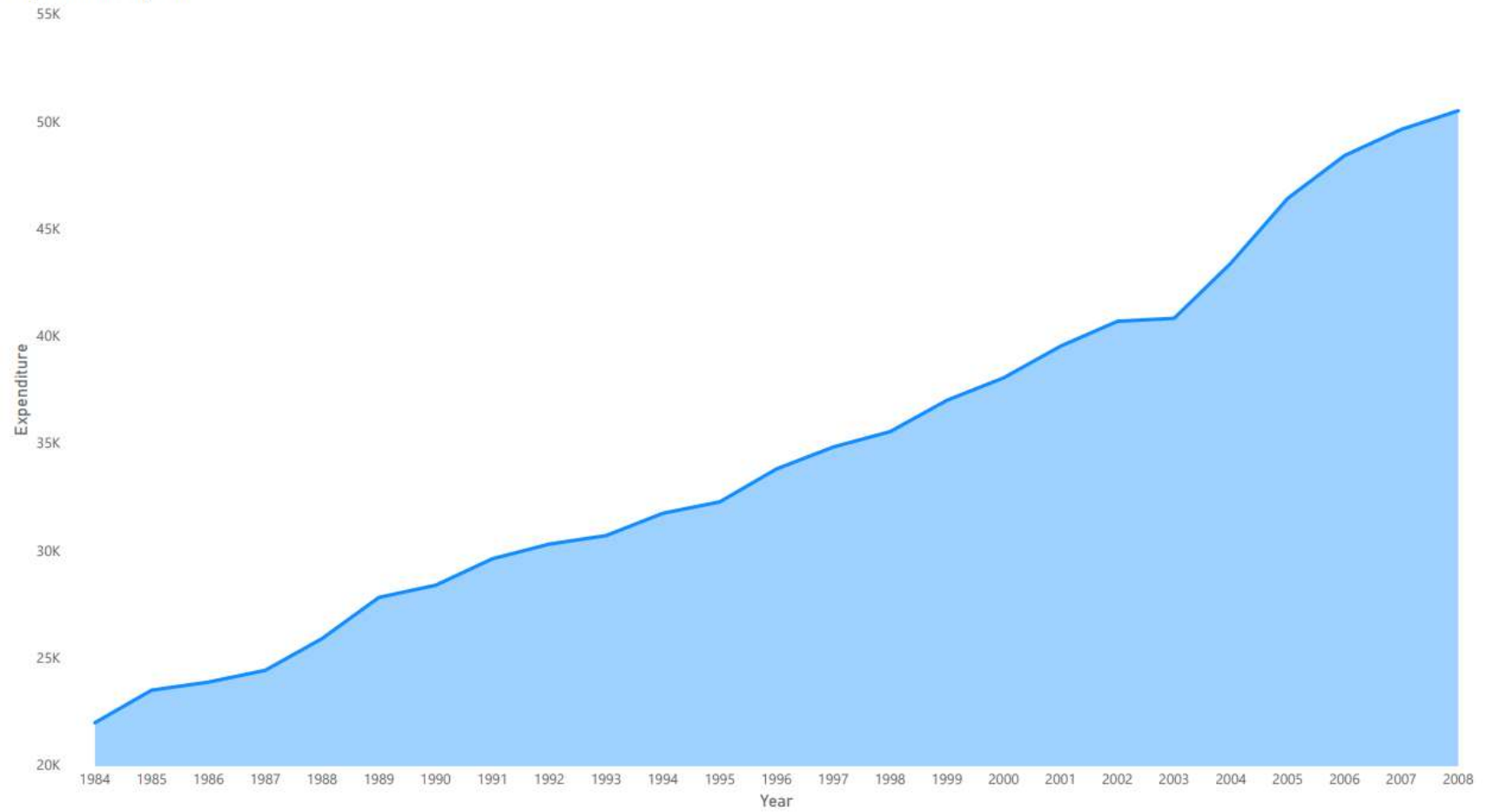
## PowerBI – Tree Map

2008 Expenditures by Category



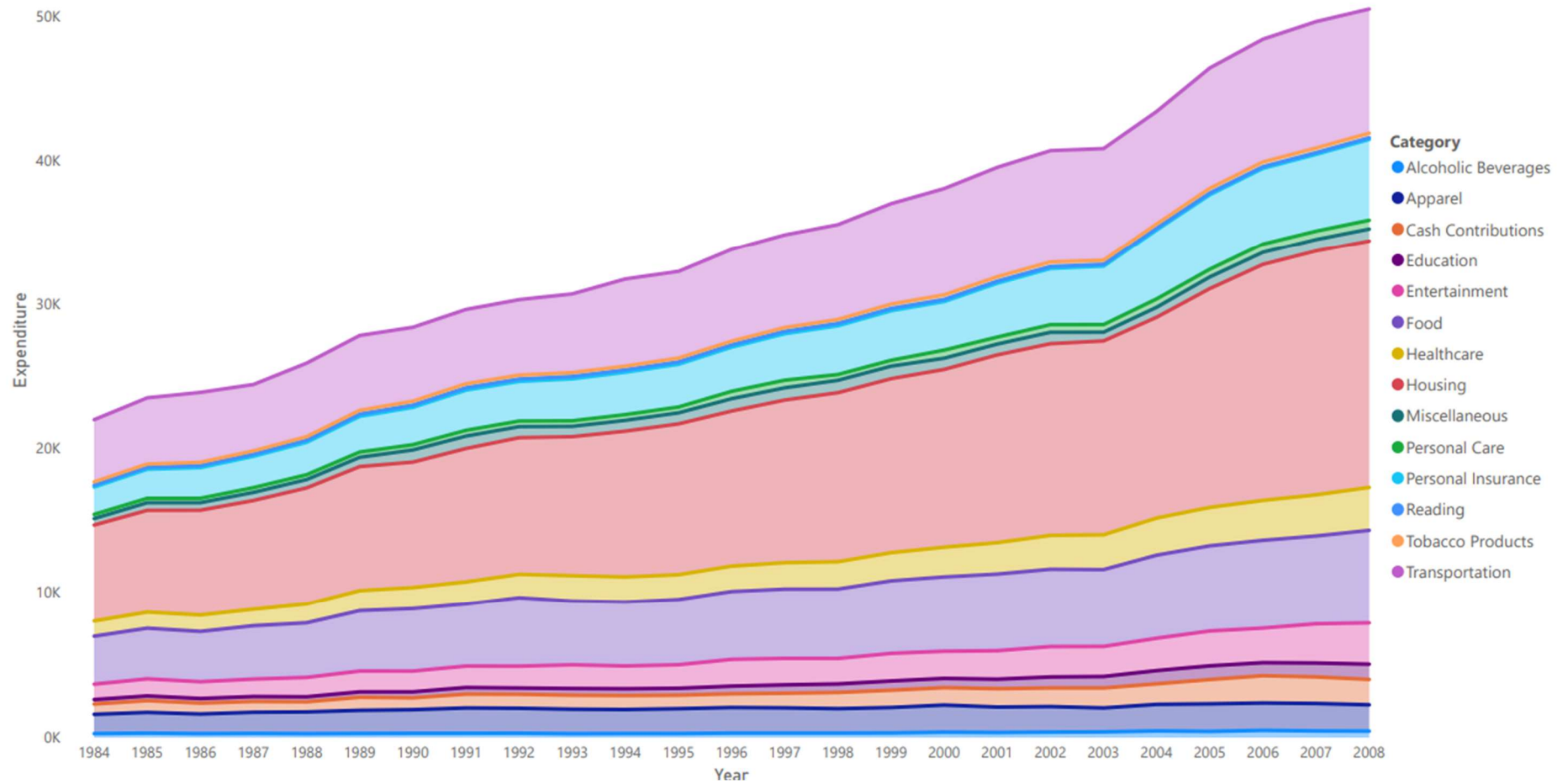
## PowerBI – Area Chart

Expenditures by Year



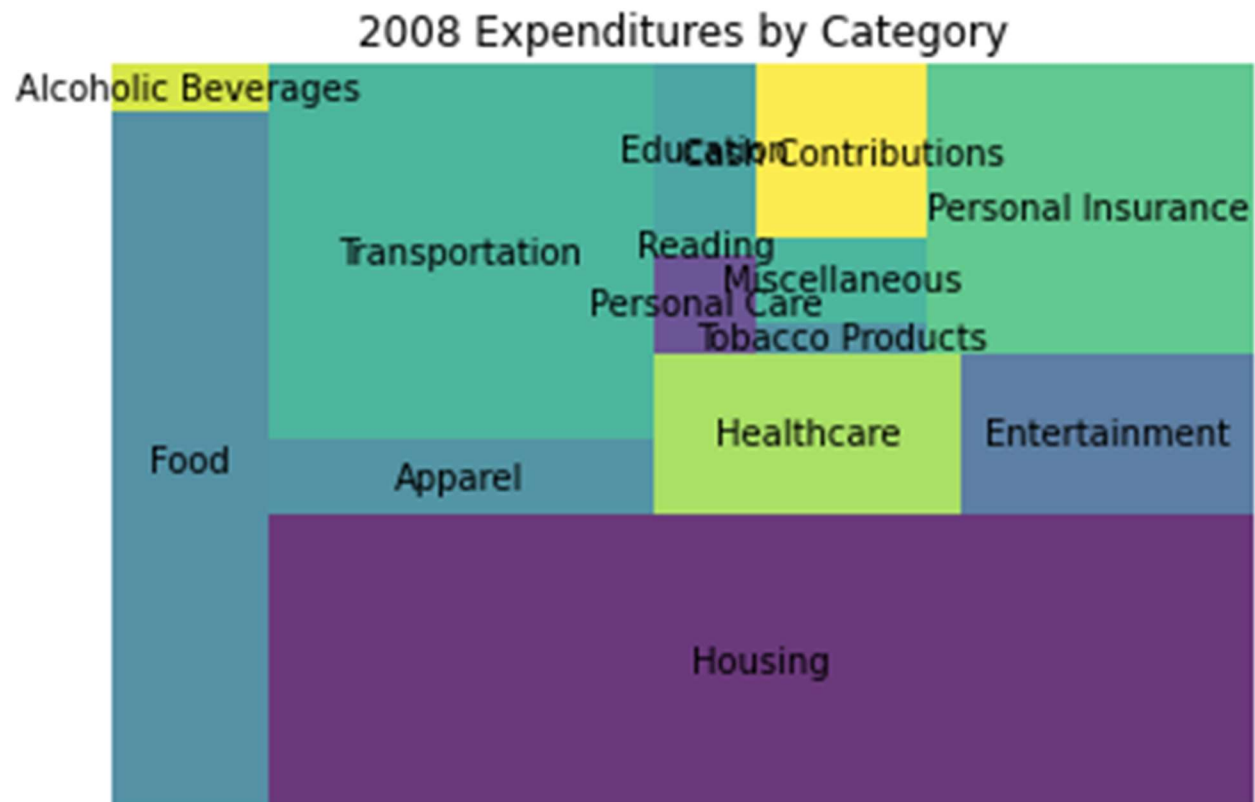
## PowerBI – Stacked Area Chart

Expenditure by Year and Category

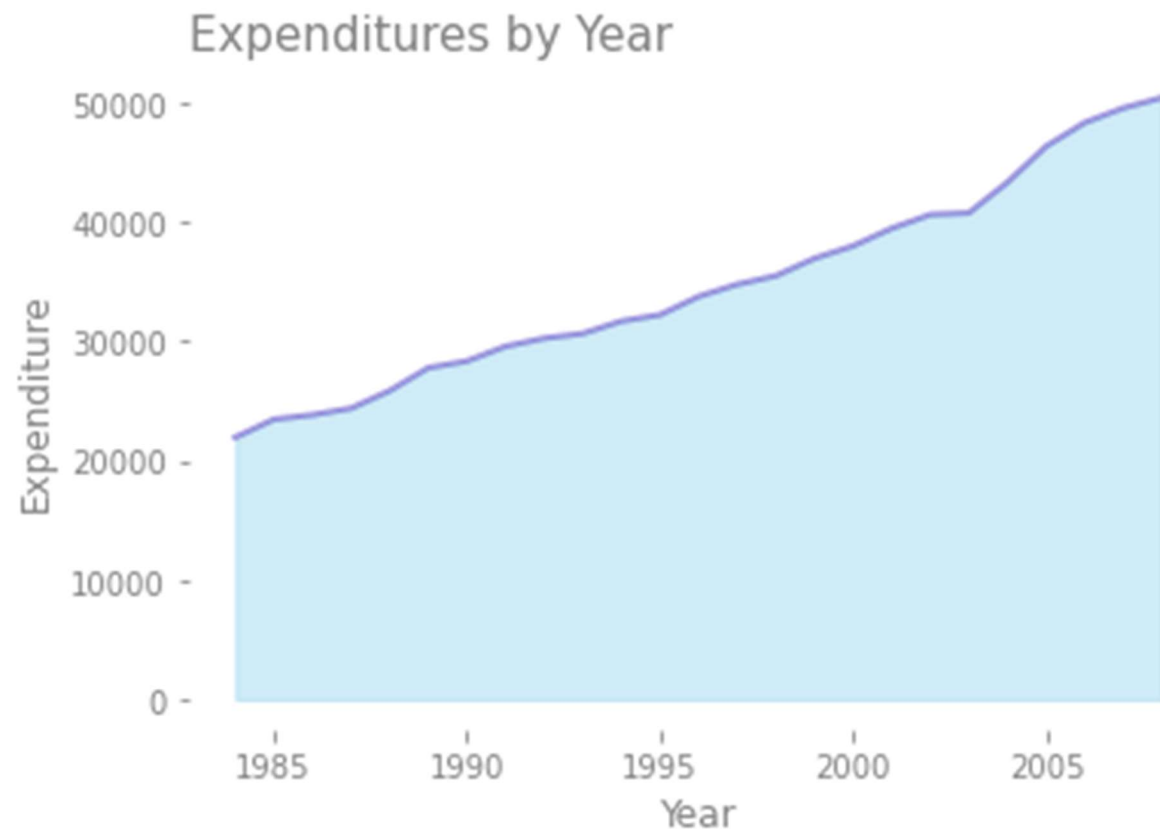


2008

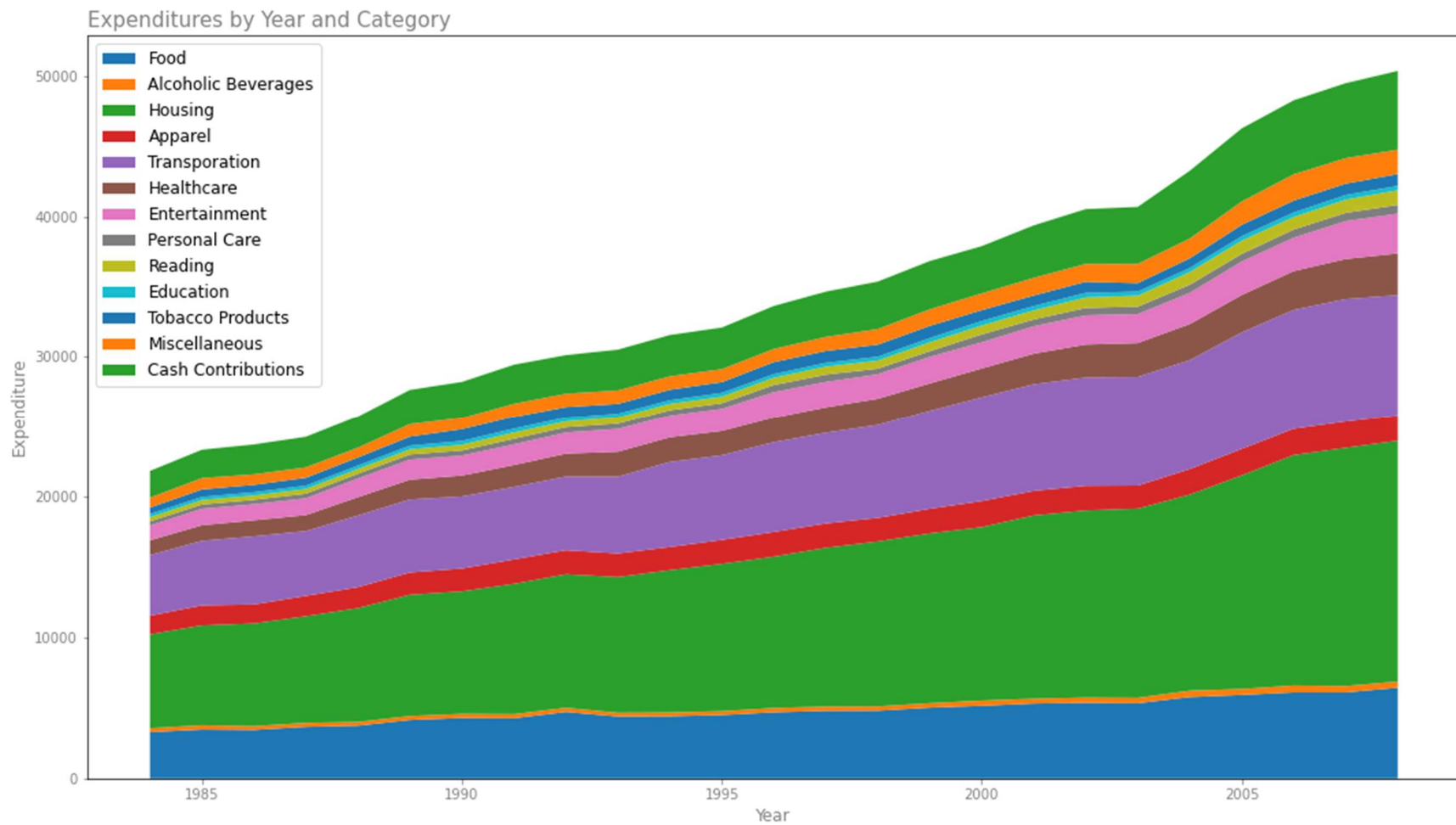
## Python – Tree Map



## Python – Area Chart



## Python – Stacked Area Chart



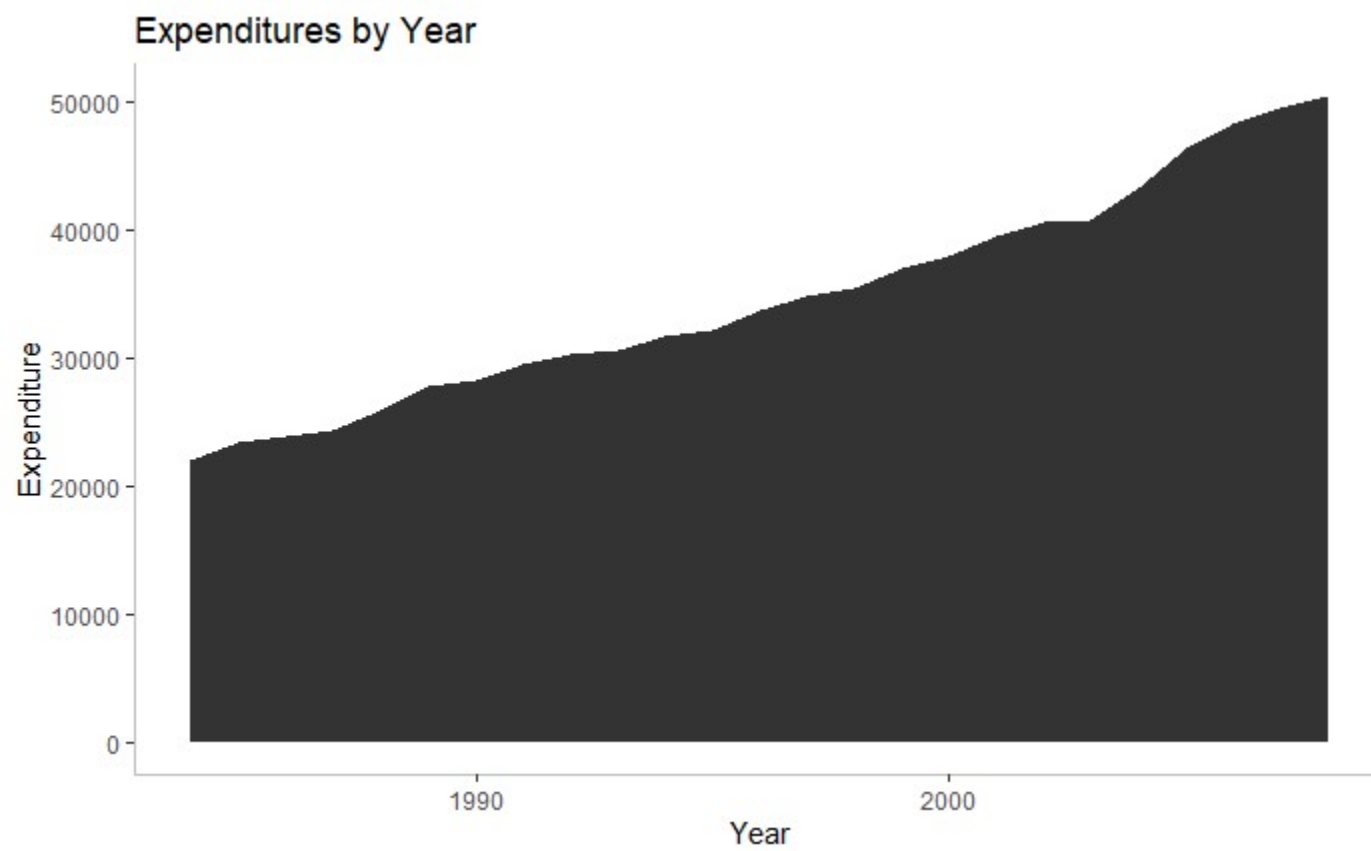
## R – Tree Map

2008 Ependitures by Category





## R – Area Chart



## R – Stacked Area Chart

