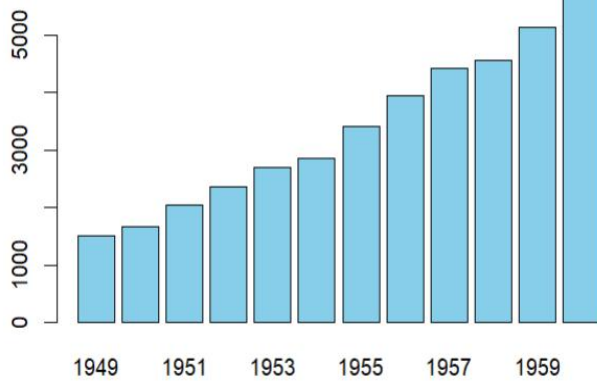
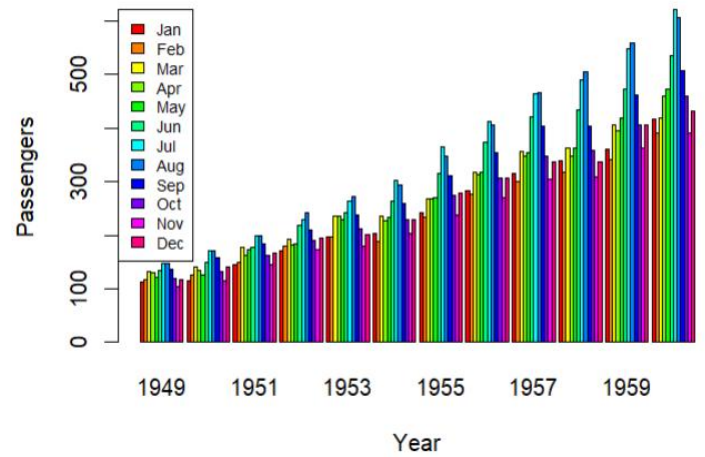


Total Passengers per Year

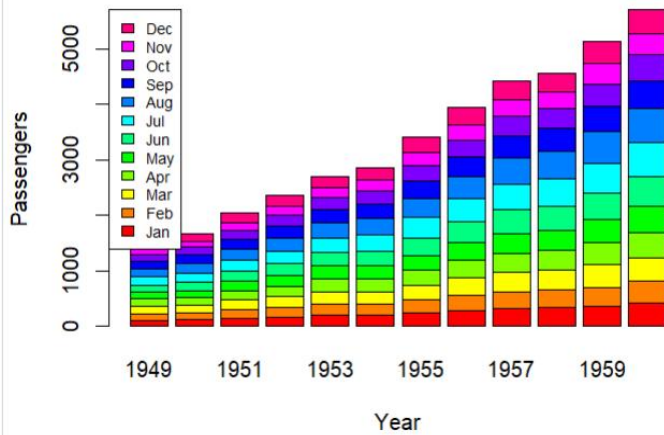


BAR PLOT(YEARLY TOTAL)

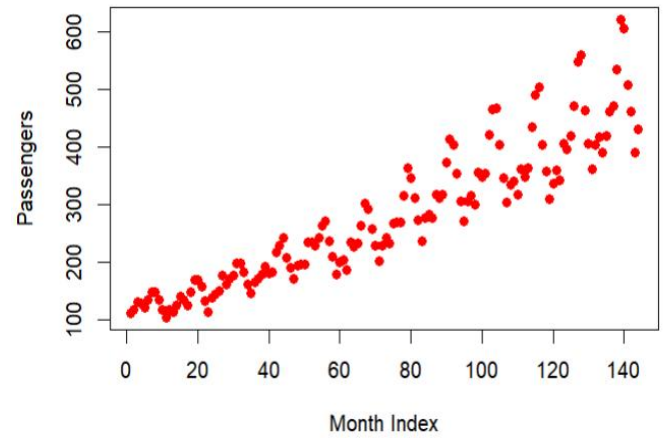
Grouped Bar: Monthly Passengers by Year



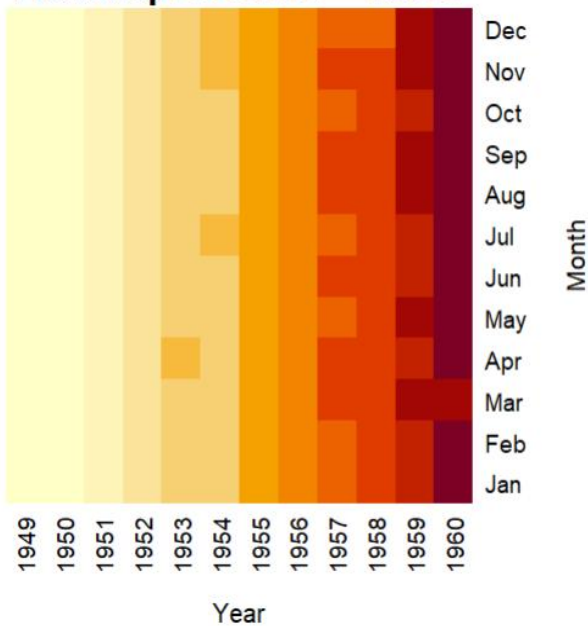
Stacked Bar: Yearly Passengers by Month



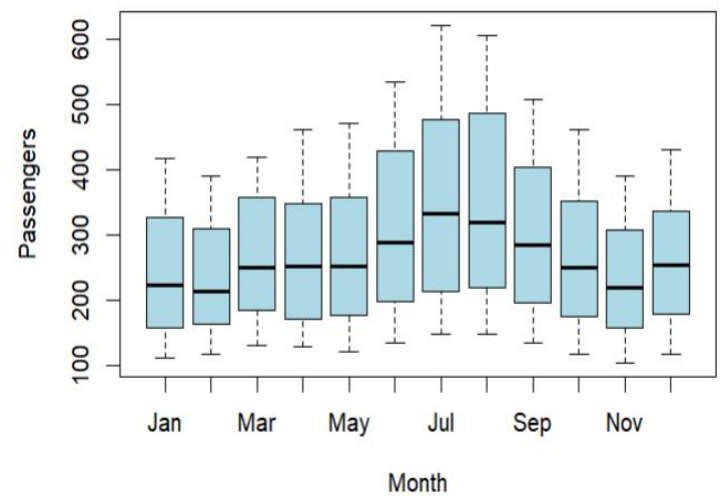
Dot Plot: Monthly Passengers



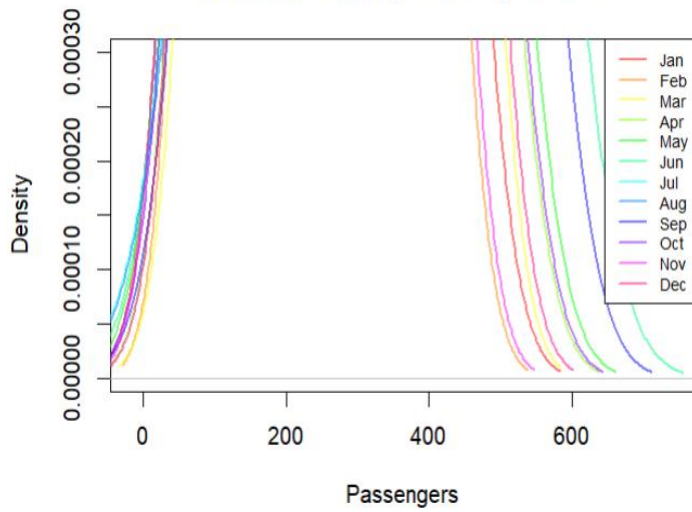
Heatmap: Months x Years



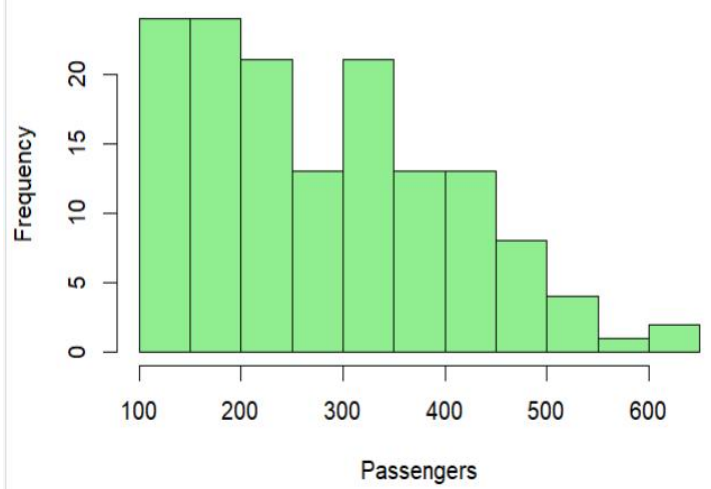
Box/Violin Alternative by Month



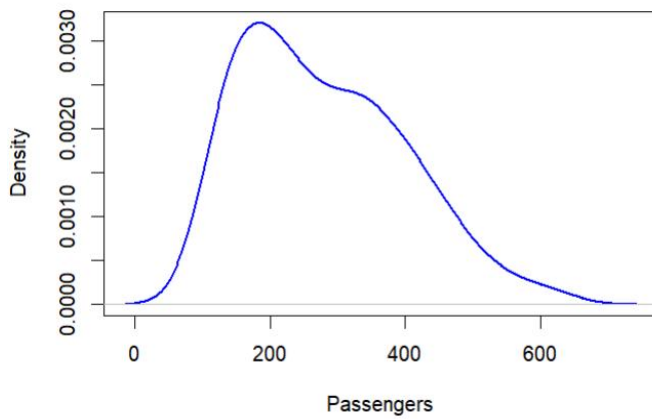
Multiple Density Plots by Month



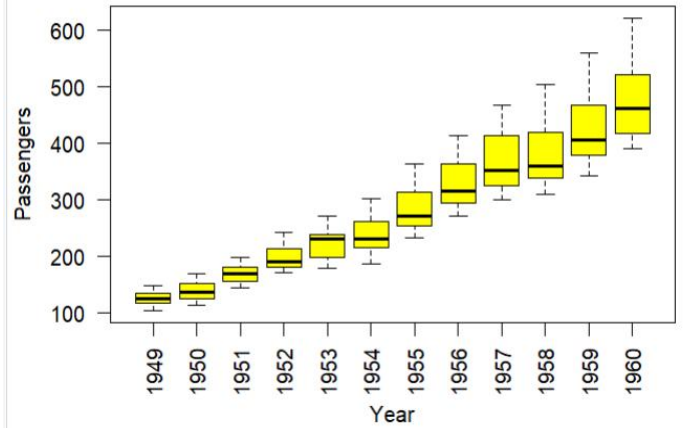
Histogram of Passengers



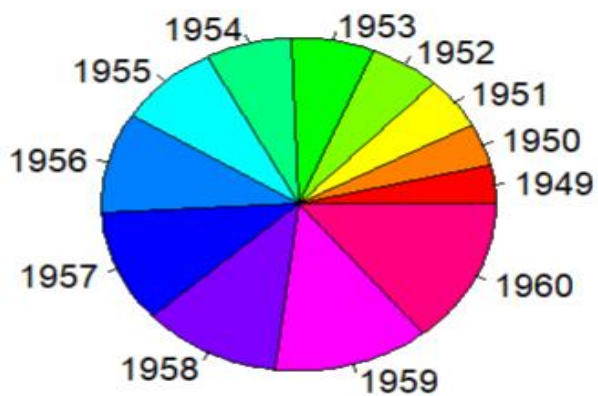
Density Plot



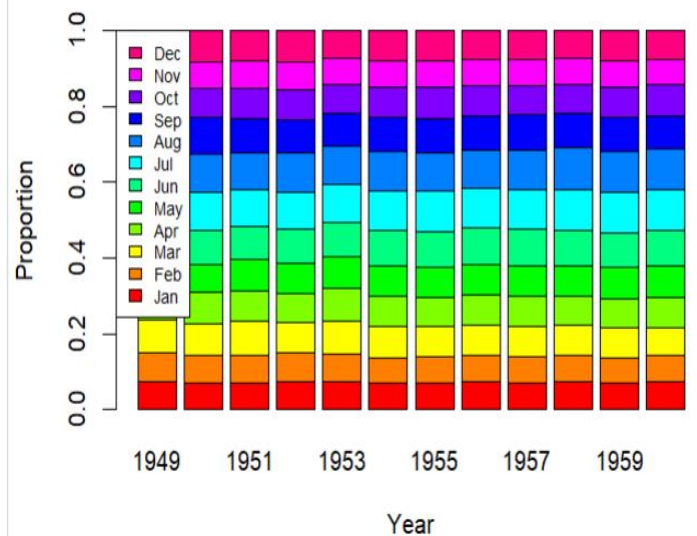
Box Plot by Year



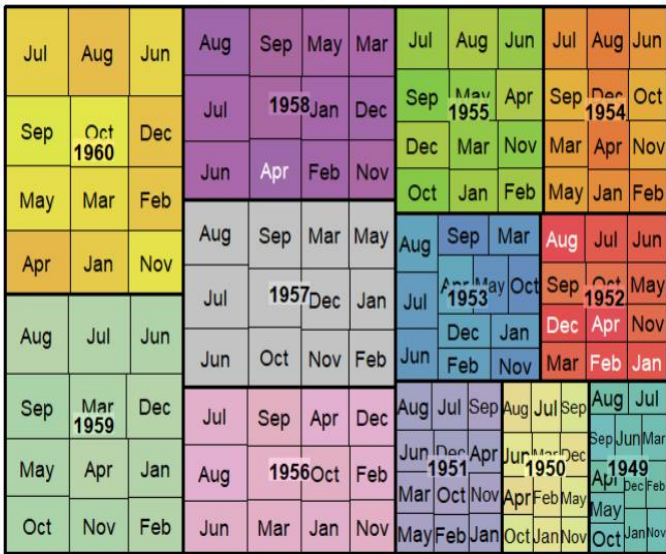
Pie Chart: Proportion by Year



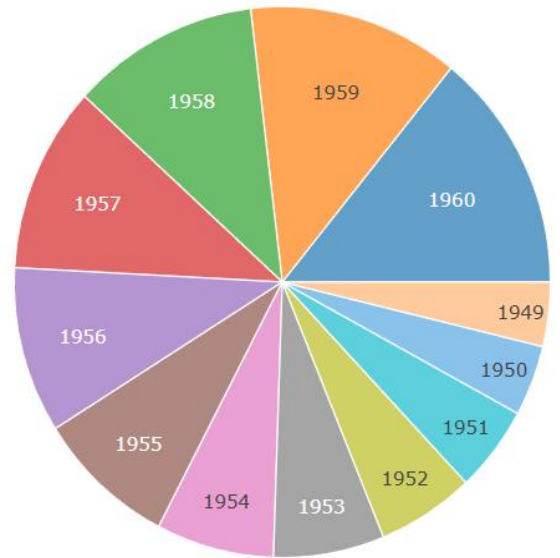
Stacked Bar (100% Proportion)



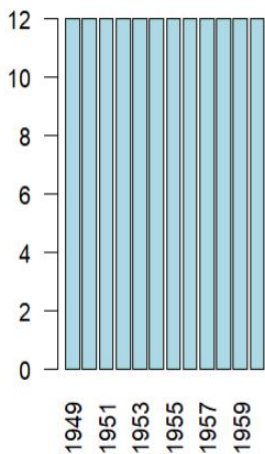
Treemap: Passengers by Year & Month



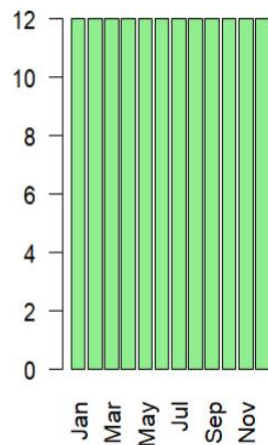
Simple Sunburst Chart



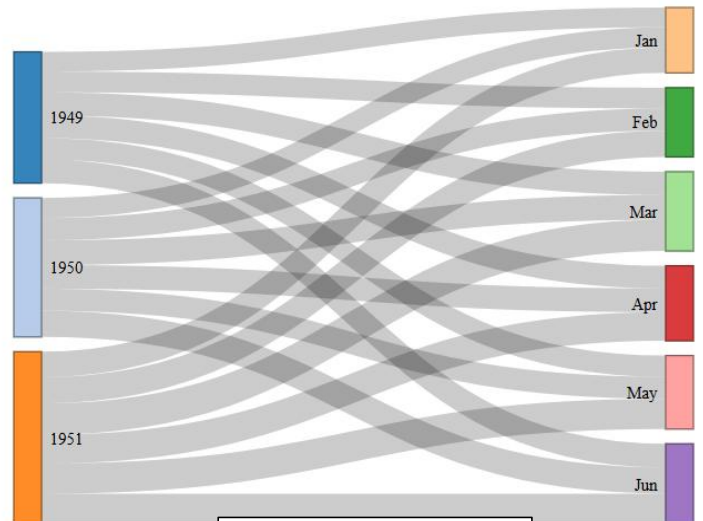
Year Distribution



Month Distribution

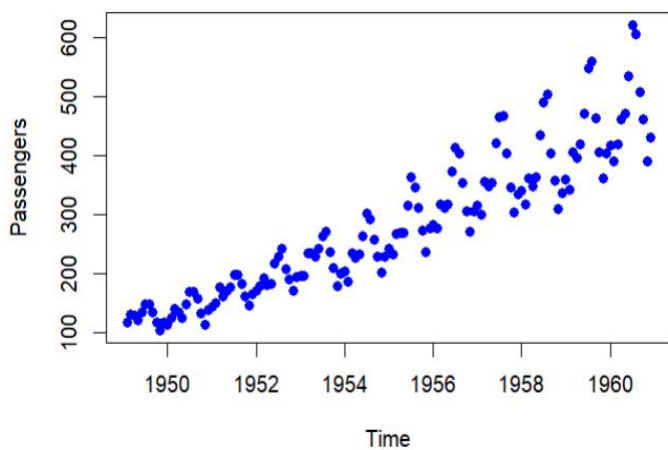


PARALLEL SETS

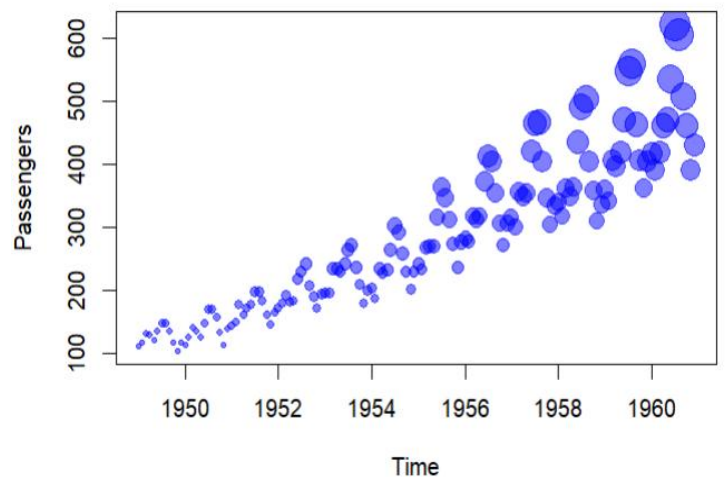


SANKEY DIAGRAM

Scatterplot: Passengers vs Time

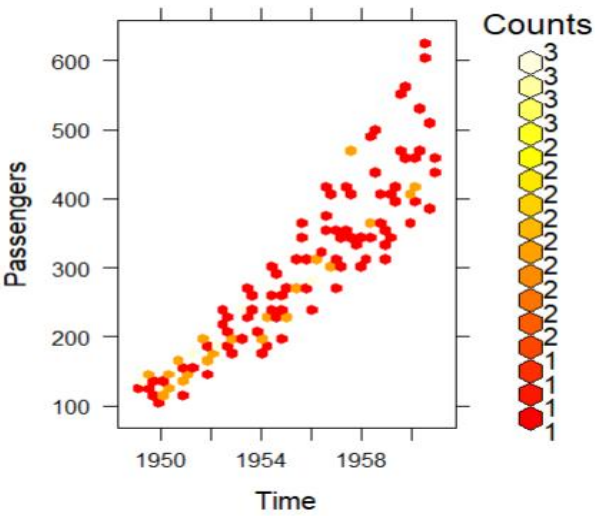


Bubble Plot

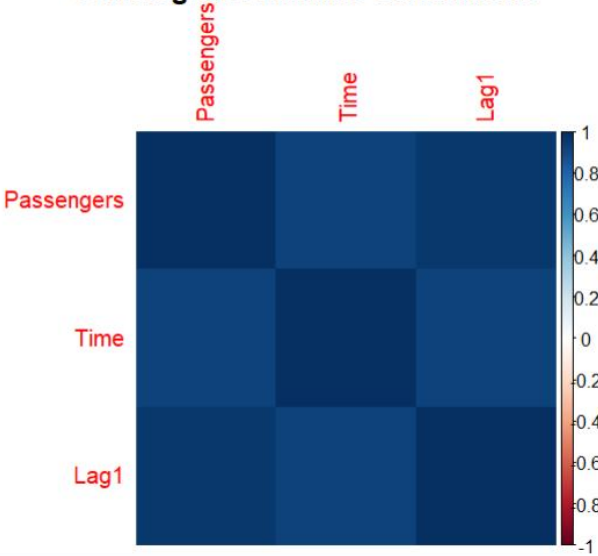




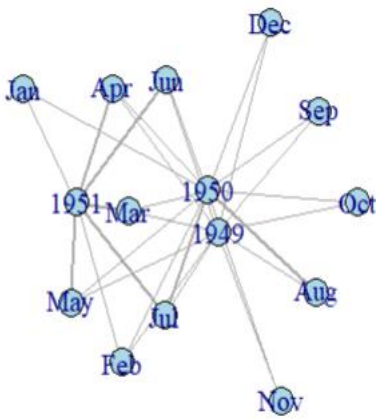
Hexbin Plot: Density of Points



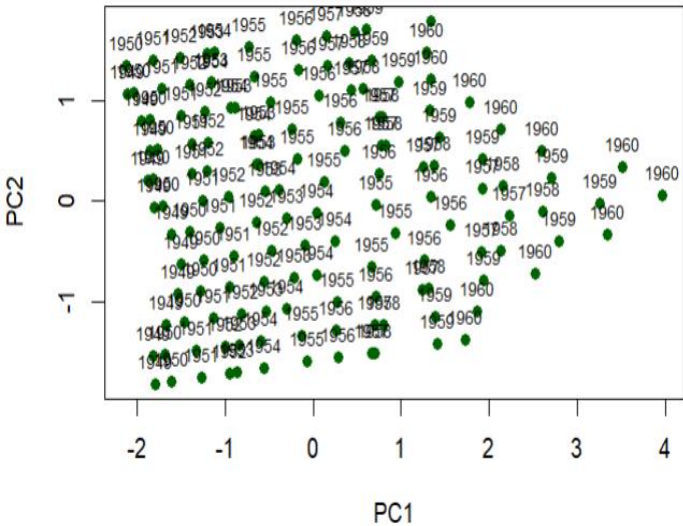
Correlogram: Variable Correlations



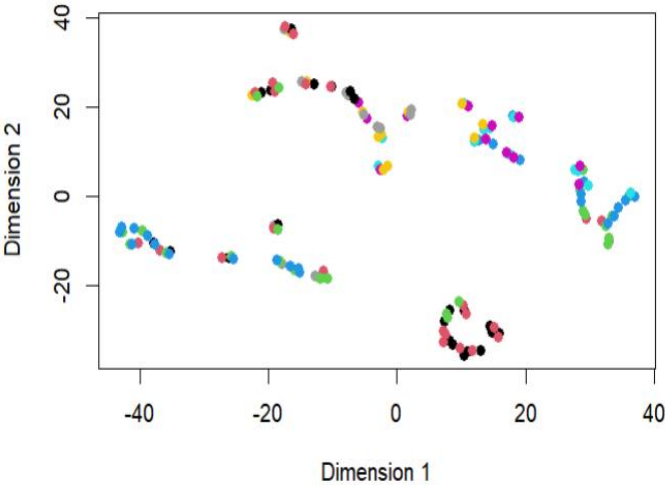
Network Graph: Year-Month Connections



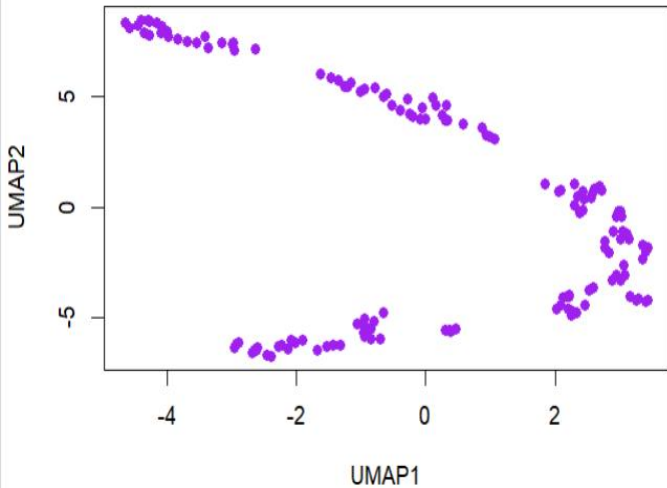
PCA Plot



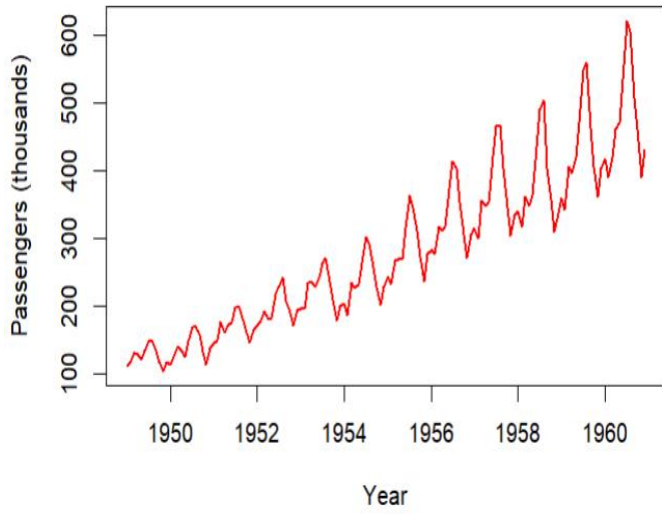
t-SNE Plot



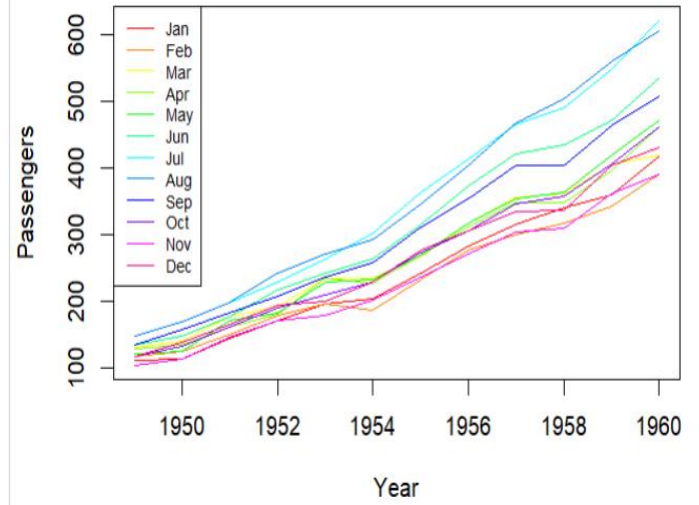
UMAP Plot



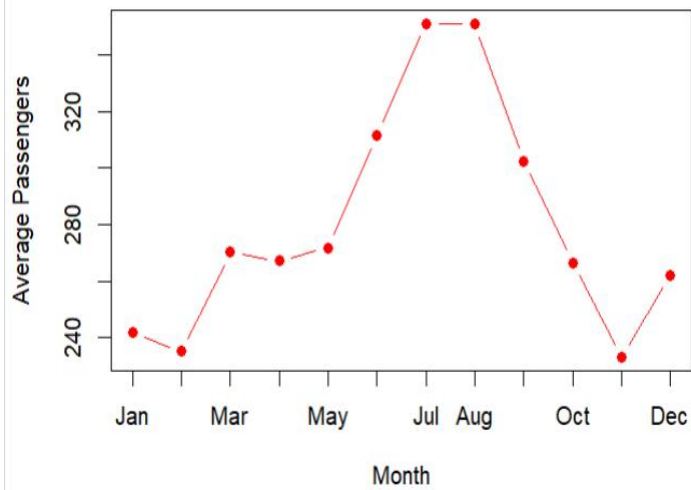
Line Plot: Air Passengers Over Time



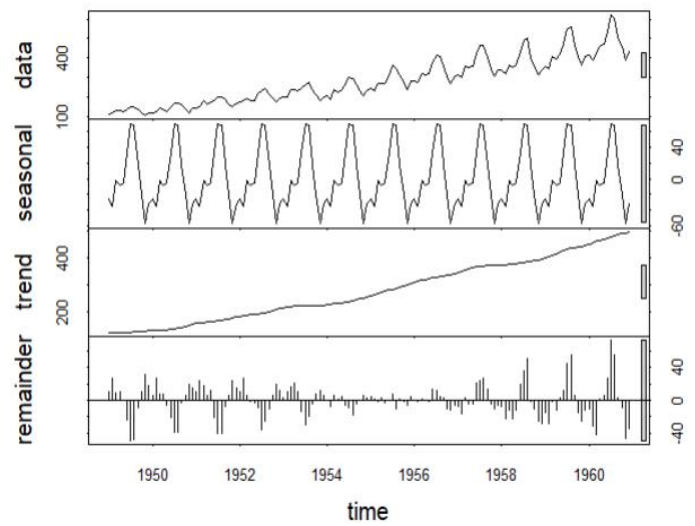
Multiple Lines: Yearly Patterns



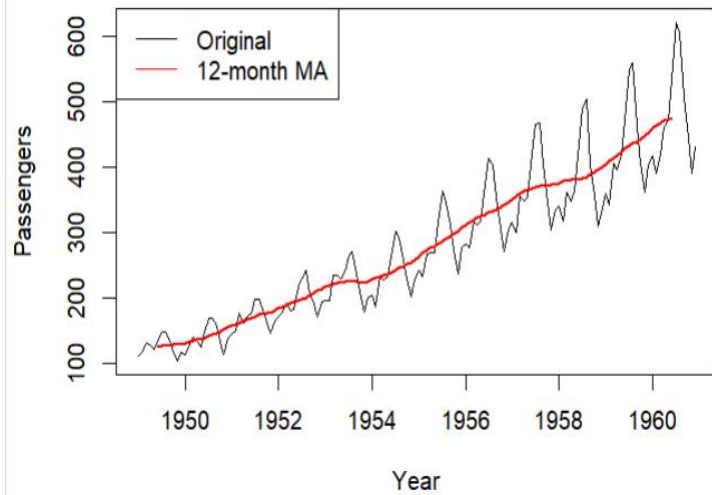
Dose-Response: Average by Month



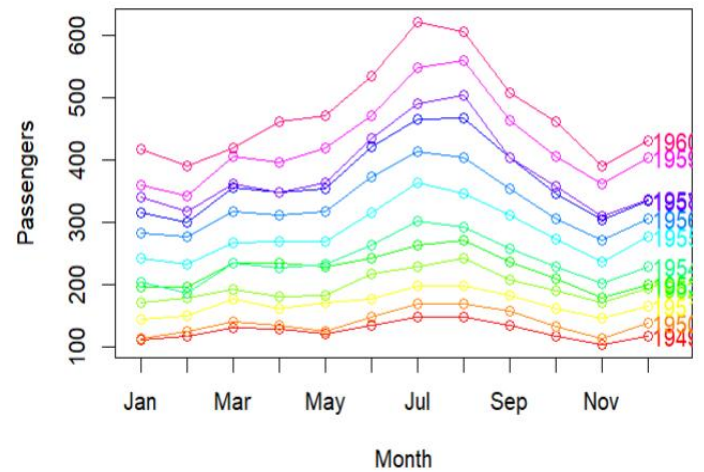
STL Decomposition: Trend, Seasonal, Residual



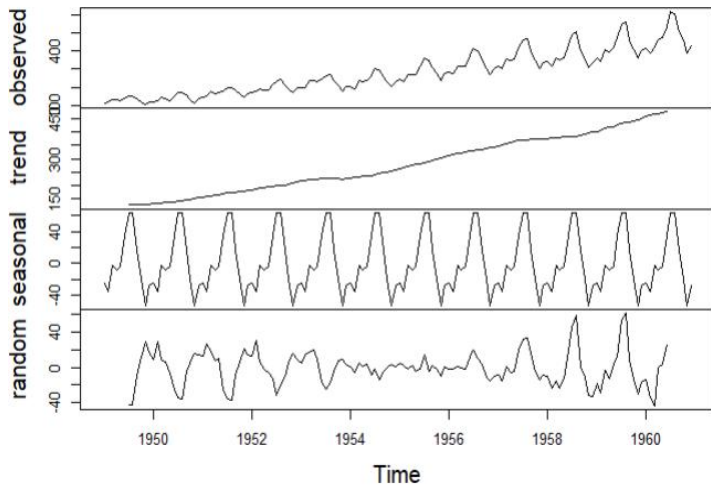
Moving Average Smoothing (12-month)



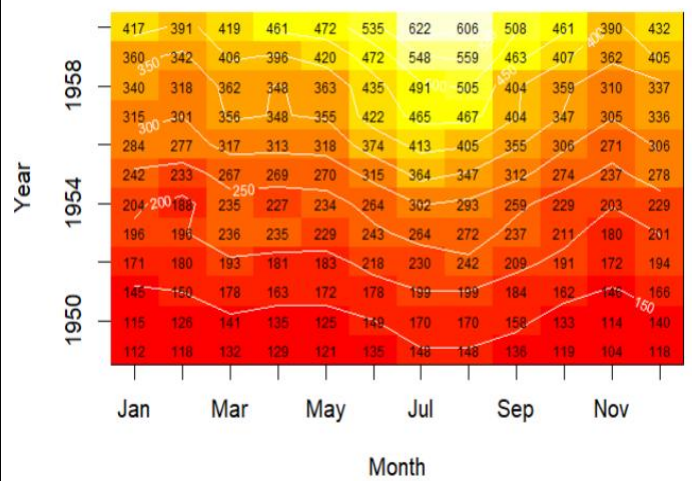
Seasonal Sub-Series Plot



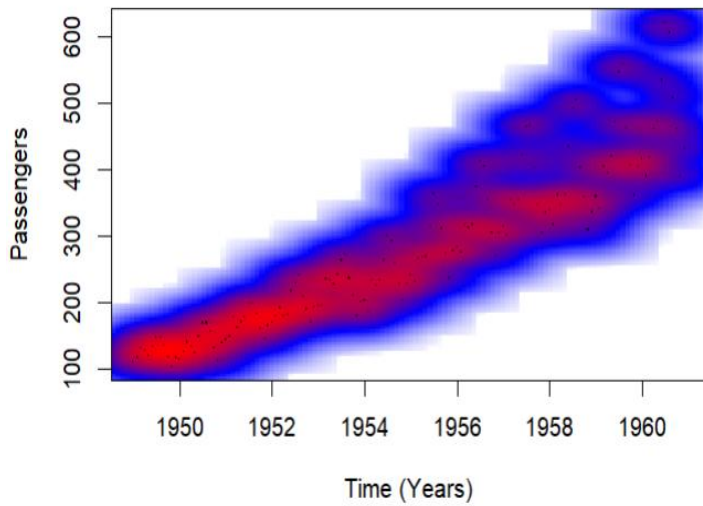
### Decomposition of additive time series



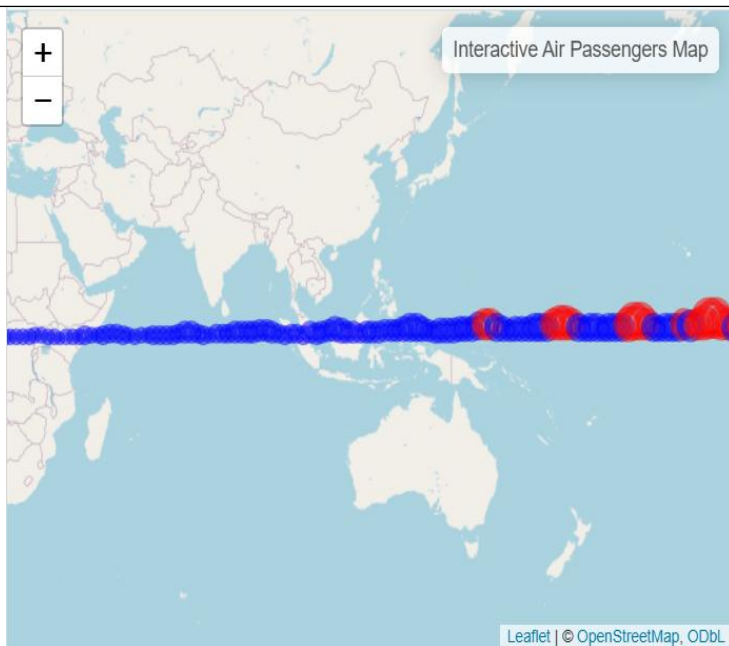
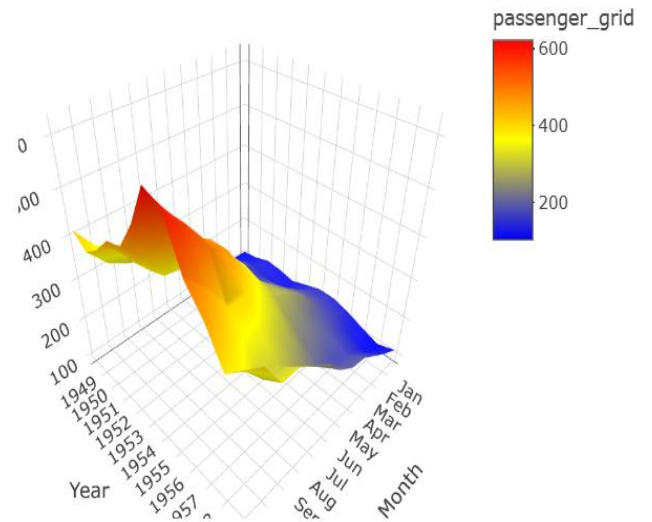
### Choropleth Style: Passengers Grid



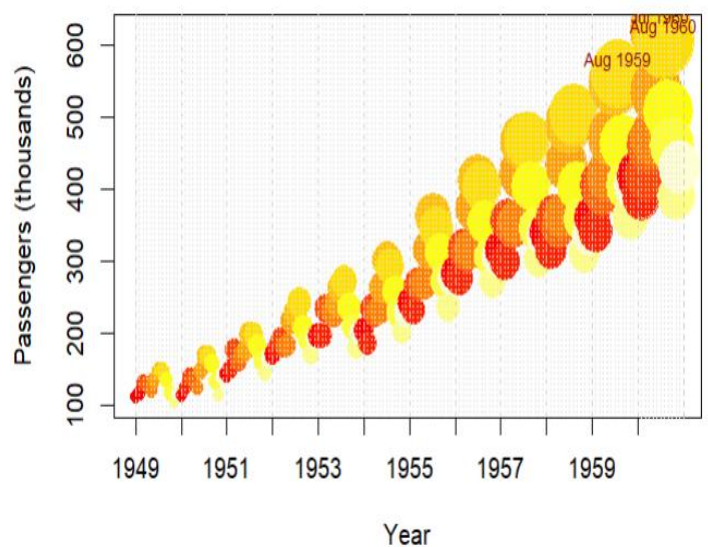
### Spatial Density Style: Passenger Distribution



### 3D Surface: Air Passengers Grid

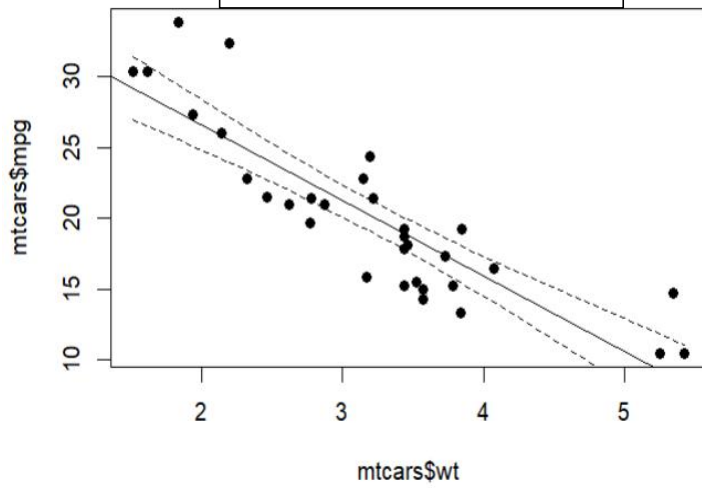


### Point Map Style: Monthly Passengers

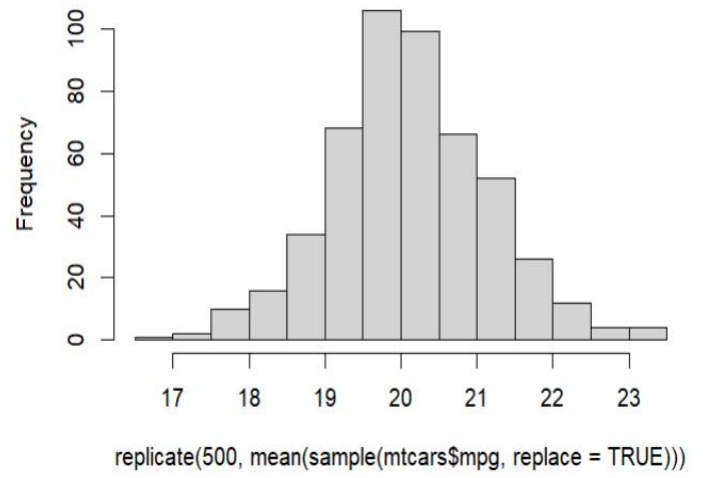




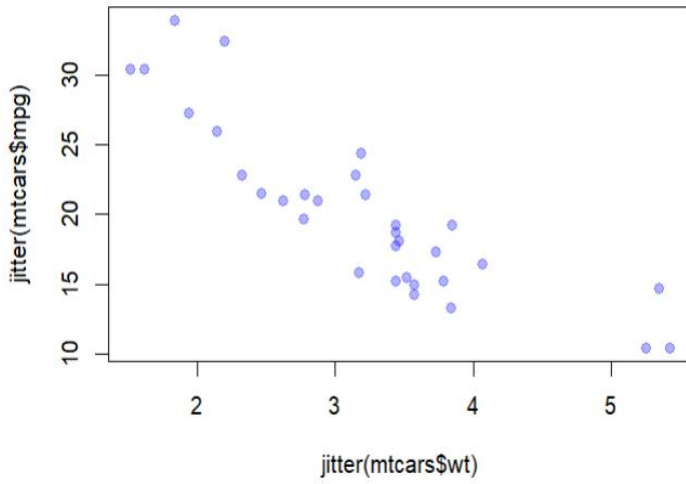
Confidence Interval



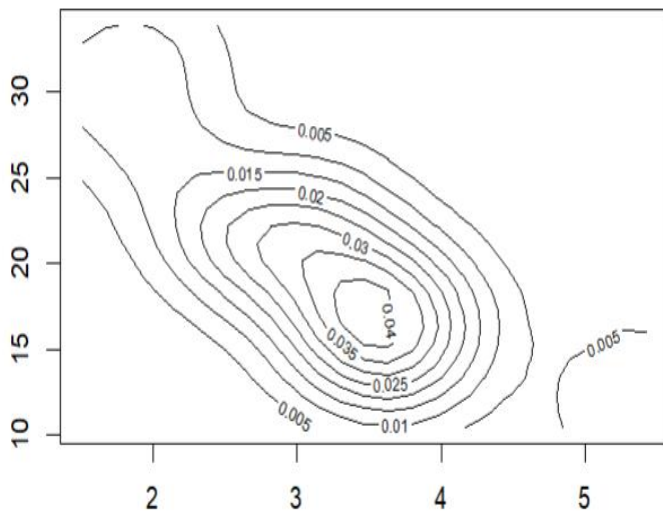
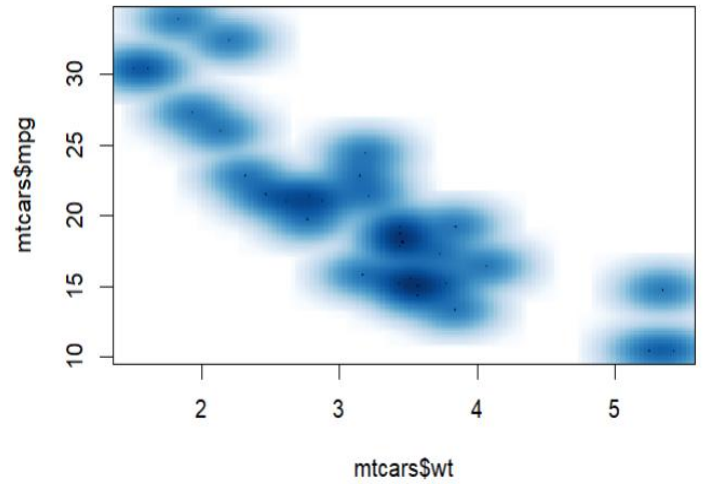
Bootstrap



Jitter & Transparency



2D Histogram



Contour Lines

