LAB ASSIGNMENT-2

Title: Measurements of electric power consumption in one household with a one-minute sampling rate over a period of almost 4 years. Different electrical quantities and some sub-metering values are available.

Objective: The objective of this lab assignment is to explore and analyze a dataset containing measurements of electric power consumption in a household over a period of almost 4 years. You will perform various data visualization tasks to gain insights into electrical quantities, sub-metering values, and overall trends.

Task:

1. Load the data
2. Subset the data from the given dates (December 2006 and November 2009)
3. Create a histogram
4. Create a Time series
5. Create a plot for sub metering
6. Create multiple plots, such as, Scatterplot, Histogram, Bar Chart, Pie Chart, Count plot, Boxplot, Heatmap, Distplot, Jointplot

Which visualization techniques shows optimum visualization

Download Dataset from:

Dataset-1:
https://archive.ics.uci.edu/dataset/235/individual+household+electric+power+consumption