REPORT 9

Lab9.EDA on Cardiovascular Data

In this lab we have practiced on Exploratory Data Analysis on Cardiovascular data. - You will understand the features of the dataset, its size, shape, basic information and datatypes of each feature. - Then you will perform data cleaning, data wrangling and data visualization on the dataset. – Further, you will answer several questions about a dataset on cardiovascular disease by writing code in Pandas and visualization.

First, import necessary modules such as pandas, seaborn, matplotlib, NumPy, warnings then load the dataset "mlbootcamp5_train.csv". and do pre-processing steps as head(), shape, info (), size, counts of a feature and
plot the count plot of binary feature of the dataset and plot distribution graph .

Use statistical method to find mean of some feature.

Get age in years then mean, max, min then apply some asked condition and categorize.

computing BMI, you have to convert into meters by dividing it by 100.then groupby to find mean acc to a feature.

Do more data visualization like heatmap, jointplot, catplot, countplot, boxenplot, violinplot.