1 Imported box file using pand as bead-csv HOBBY PROJECT
@ checked shaper of both DataFrames. using shape function
(3) Checked Null values using Is null function duplicated Dropped some rows and columns which aren't required. usind frop function wing value court (a) checked unique values from categorical coloums, & removed outliers in humanical coloumns gremoved outhers (if earls) Visualised data using different graphs (Pie, Bargraph, Histogram, Scatta Plot) using Matplotlib & Seaborn library.
@ Wied hable Encoder to convert categorPeal columns to numerical whimns.
(8) Selected Features & Targeted coloumns to numerical coloumns.
@ Created Frammy & tesms Dataset using tam-test split.
00 - Used fot clarification model & checked accorded, matrix.
2. Dexision. Tree dansification
3. Random, Forest
4. SVM dassification (support vector Marhine)
5. KNN (K Near Neighbour)
The Ts. 1. Accuracy, presiston score isn't good. On Normatized data wing Miniman Scalar, Again the data was imbalanced, issed imbalan. Imblear. over-sumpling to balance data

Again used all Mr model, and got mak accuracy 84-14+ using XGBOOK+ Model.

Deser Knold. & stratified shubble Sphit for validation.

prokle -Std. way of sendiring objects in python. converting objects into stream of bytes. to store the object or transment it to memory or a tile. · Regression algo -> used to pred Confusion Moder SIT'S NXN matrix used to evaluate the performance of classification model, when N is number of target values. Actual valus > Healthy people Sizk ppl are ove morretly correctly predicted predicted by sick ma by sick model FN . Healthy ppl crossetty STCK ppl are morrectly predicted as not slik predicted as not stick by by the model the mode, features