

## **Questions for diabetes-analysis on diabetes dataset**

1. Find total record for class 0 and class 1 from the outcome column.
2. Find Distinct values for different attributes (Columns) and print total count for each.
3. What is the Gini coefficient of the attributes(Columns).
4. Find DiabetesPedigreeFunction which is  $< .200$  if skin thickness and Insulin is 0.
5. Check what will be the blood presser level if pregnancies count is 10 and print the average BP level.
6. Print first 3 Highest and Lowest count of pregnancies and print the age prediction
7. Check if someone having BMI level 0 then BP should be  $> 90$
8. Print pi and bar blot for pregnancies and Age.
9. Print all the rows which contains 0 in more than one columns.
10. Print all the rows which contains only one 0 in at least one column.
11. Print all the age which is  $<$  then 35 and BP is  $> 60$ .
12. Print all the rows if Glucose level is  $< 100$ .
13. Print all the values in BP columns where values in equal digit (Ex. 66 ,99)
14. Check if someone having high/low skinthickness then what is DiabetesPedigreeFunction value.
15. Print all the Glucose value where insulin value is equal to 0.
16. Print decision tree of pregnancies on the basis of Age,BP and Insulin.
17. Find prediction of pregnancies on the basis of DiabetesPedigreeFunction .
18. Find ANOVA method for the database.
19. Print time series analysis basis on Age (30-80) as per glucose value.
20. Find Normal and Binomal distribution for database.
21. Find logical destitution basis on outcomes.
22. Print scatter plot for the database.