Using pandas , explore and analyze the data from the given dataset. The data file is a CSV file, so use the csv module to import the data into a list which should be converted to a dataframe using pandas .

Q1) Print the data contained in the first 10 rows of the 4th columns.

Q2) Print the data of column name age and pregnancies where the outcome is 1.

Q3) Print the data where the glucose value is less than 100.

Q4) print the description of the data .

Q5) print the min and max value of glucose , blood pressure and insulin.

Q6)print all the age present in the given data.

Q7)df.Age.map(lambda p: p -df.Age.mean())

What is the purpose of the given code snippet and what does it do?

Q8)print the groupby age data and the count of the data.

Q9) sort the data by age .

Q10)print the standard deviation and variance of the of the pregnancies, glucose .

Q11)print the groupby data of the glucose, blood pressure, skin thickness and plot a graph .

Q12)print the groupby pregnancy with the min value and reset index.

Q13)count the unique value by the age using nunique

Q14)print the datatype of the data

Q15)sort the data by the outcome

Q16)find if there is any missing value in the given data

Q17)replace the value to 60 where age greater than 75.

Q18)print the data where the diabetes pedigree function greater than 2

Q19)count the data of pregnancies where the value is great than 10 .