**1)The statistical summary of Iris dataset is as follows. Analyse and explain statistical metrics from above summary.**

For example:

s = pd.Series([1, 2, 3, 1])

s.describe() will give

count 4.000000

mean 1.750000

std 0.957427

min 1.000000

25% 1.000000

50% 1.500000

75% 2.250000

max 3.000000

25% means 25% of your data have the value 1.0000 or below. That is if you were to look at your data manually, 25% of it is less than or equal 1. (you will agree with this if you look at our data [1, 2, 3, 1]. [1] which is 25% of the data is less than or equal to 1.

50% means 50% of your data have the value 1.5 or below. [1, 1] which constitute 50% of the data are less than or equal 1.5.

75% means 75% of your data have the value 2.25 or below. [1, 2, 1] which constitute 75% of the data are less than or equal 2.25.