A picture containing chart

Description automatically generated

Solution –

We will start with counting the total number of samples.

Total = 40 + 50 + 80 + 70 + 40 + 10 + 30 + 15 + 30 + 20 + 5 + 10 = 400

Bottom 10% of 400 = 40.

40 least samples are in the following bins –

40-42 -> 5 samples

30-32 -> 10 samples

42-44 -> 10 samples

34-36 -> 15 samples

Total -> 40 samples

So, the labels of bin numbers as asked in the question are –

31 -> outlier

33 -> normal

35 -> outlier

37 -> normal

39 -> normal

41 -> outlier

43 -> outlier