

Assignment

2, 2, 3, 4, 5, 5, 5, 6, 7, 8, 8, 8, 8, 8, 9, 9, 10, 11, 11, 12

What is the value of the 99 percentile?

$$\left(\frac{99}{100} \times 21 \right)$$

$$= 20.79 \Rightarrow \text{Index}$$

Since the index is 20.79 and we only have values up to 20. ∴ 99 percentile is an outlier.