**Inter Quartile Range**

The IQR method of outlier detection is a method that dictates that any data point in a boxplot that’s **more than 1.5 IQR points below the first quartile data** or **more than 1.5 IQR points above the third quartile data is considered an outlier.**

**Why Do You Multiply 1.5 in IQR Outlier Detection?**

The interquartile (IQR) method of **outlier detection uses 1.5 as its scale to detect outliers because it most closely follows Gaussian distribution.** As a result, the method dictates that any data point that’s 1.5 points below the lower bound quartile or above the upper bound quartile is an outlier.