**Example 1. Inferences**

|  |  |  |
| --- | --- | --- |
|  | **Speed** | **Distance** |
| **Mean** | **15.4** | **42.98** |
| **Median** | **15.0** | **36.0** |
| **Mode** | **20.0** | **26** |
| **Variance** | **27.96** | **664.06** |
| **Standard Deviation** | **5.29** | **25.77** |
| **Skewness** | **-0.117** | **0.807** |
| **Kurtosis** | **-0.508** | **0.405** |
| **Histogram** |  |  |
| **Boxplot** |  |  |
| **Inference** | Speed data is negatively skewed. Here the Kurtosis is negative indicating the more data values near centre and less data values on tails. Histogram suggests the data is bimodal | Distance data is positively skewed, here mean > median, Kutosis is positive, showing more data values are on tails & less near the mean. Boxplot suggests the presence of outlier. |