CS 555 Assignment 1

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09/15/2021



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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **sd** | **skew** | **range** | **Min.** | **X1st.Qu.** | **Median** | **Mean** | **X3rd.Qu.** | **Max.** |
| **1** | 2.71317127675875 | 1.17125817013179 | 13 | 2 | 4 | 5 | 5.62222222222222 | 6.75 | 15 |

(2). The shape of the histogram is positive Skew Distribution, skew of the histogram is 1.17 and the center of the dataset is 5 because median is 5. The spread of the range describes by range which is 13. From 13-15 days patients are outlier

(3). Median is the best single number summary of the center of the distribution. Range is the best number summary of the spread of the distribution

(4) The probabilities of patients are in the hospital for less than 10 days is 95.221%.

The probabilities of patients are tin the hospital between 3 and 10 days is 69.972%

**Script below**

图形用户界面, 文本, 应用程序, 电子邮件

描述已自动生成