1. Central Tendency

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Cured** | **Deaths** | **Confirmed** |
| Mean | 171730.58405661638 | 2684.8660034717586 | 190629.4708906396 |
| Median | 19204.0 | 359.5 | 25406.0 |
| Mode | 0 | 0 | 1 |

|  |
| --- |
| **Column Range Variance Standard Deviation** |
| Cured 4767053 1.270187e+11 356396.851605 |
| Deaths 80512 5.033497e+07 7094.713956 |
| Confirmed 5344063 1.596420e+11 399552.212147 |



|  |
| --- |
| **Coefficient of Variation** |
| Cured 207.532545 |
| Deaths 264.248344 |
| Confirmed 209.596245 |

1. Inter Quartile range (IQR)

IQR = q3-q1

|  |
| --- |
| **Column IQR** |
| Confirmed 215744.00 |
| Cured 204602.50 |
| Deaths 2087.75 |

1. Skewness and kurtosis

|  |
| --- |
| **Column Skewness Kurtosis** |
| Confirmed 4.978899 39.379593 |
| Cured 4.605554 33.608950 |
| Deaths 5.772986 39.676642 |

1. Covariance and correlation matrices

**Covariance Matrix:**

|  |
| --- |
| **Confirmed Cured Deaths** |
| Confirmed 1.596420e+11 1.418128e+11 2.573000e+09 |
| Cured 1.418128e+11 1.270187e+11 2.289868e+09 |
| Deaths 2.573000e+09 2.289868e+09 5.033497e+07 |

**Correlation Matrix:**

|  |
| --- |
| **Confirmed Cured Deaths** |
| Confirmed 1.000000 0.995883 0.907677 |
| Cured 0.995883 1.000000 0.905611 |
| Deaths 0.907677 0.905611 1.000000 |