Text

Description automatically generated

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1. Graphical user interface, text

   Description automatically generated
2. Graphical user interface, text

   Description automatically generated with medium confidence

1. Text

   Description automatically generated
2. The sample mean and median of the population were very close to each other. This implies that the distribution of temperatures is symmetrical. The standard deviation of 9.63 shows that the variation in the temperatures over these first three months of the year is not very drastic. The random sample of 20 temperatures showed a slightly higher mean than the full population. This is most like due to the random nature and small sample size.
3. Graphical user interface

   Description automatically generated with medium confidence
4. Text

   Description automatically generated
5. Chart

   Description automatically generated

Chart, histogram

Description automatically generated8.

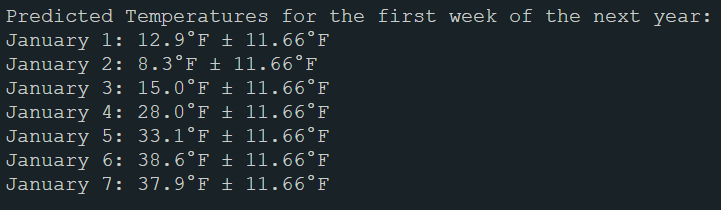
9. Chart, box and whisker chart

Description automatically generated

The IQR was 37.25-21.75 = 9.5. Therefore, the range can be calculated as follows:

[21.75 - (1.5\*9.5), 37.25 + (1.5\*9.5)] = [7.5, 51.75]

This shows that there is a single outlier in the data: 54.1 °F on 3/26/2022.

10.

Images of the program functioning:

Terminal Output:

Text

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