**Applied Computational Statistics**

**Project Report**

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**Software Used:**

Python, Excel

**Design:**

* Find the central tendencies of the given dataset.
* Using mean and standard deviation find the normal distribution
* Calculate the level of Significance (alpha)
* Select an appropriate statistic test.
* Find the confidence Interval and draw conclusions.

THE DATASET

Table

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Graphical user interface, application

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Graphical user interface, text, application, email

Description automatically generatedGraphical user interface, text, application, chat or text message, email

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Text

Description automatically generatedGraphical user interface

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CONCLUSION AND INFERENCES

**The researcher is 95% confidence that, the population mean of the differences in weightlosses would be somewhere between 7.12 and 11.84**