



Getting to know Minitab Software Package

Statistical computations consume time and effort, if performed manually. Using MS-Excel spreadsheets or scientific calculators are not effective because of the time it consumes and are prone to manual errors.

There are several statistical software packages available for performing statistical computations. Most statistical analyses require that you follow a series of steps, often directed by background knowledge of the statistics and the business knowledge of the subject area that you are investigating, software takes care of the rest. Minitab is one such software that comes handy for Six Sigma Professionals.

- 👍 It is a spreadsheet based application.
- 👍 It is menu driven like MS-Excel.
- 👍 You can either copy-paste the data from excel or type it manually.
- 👍 Outputs are either in unformatted text or graphical format, both of which can be easily copied to PPT.
- 👍 At maximum number of rows of data can be included in Minitab is largely restricted by the RAM capacity of your system

Thus provides a simple, effective way to input the raw data and manipulate that data. It performs several statistical tests not restricted to Explore data with graphs, Conduct statistical analyses including hypothesis tests, Design an experiment and Modeling.

Minitab is licensed software. More details about it is available in their website www.minitab.com

- 👍 In this lecture, we have included information about how to download and install this software package and getting started with it.
- 👍 As we progress, in the respective lectures, we have included external video link of [Minitab.com](https://www.minitab.com) that illustrates the procedure to use the software.
- 👍 Screenshots are included for your reference as a part of downloadable take-aways.