



BGenie Retooling the Statistical Analysis

Data is the nerve center for enterprises to grow, reimagine and transform in the modern era. A strong data culture infuses agility, flexibility, and scalability in the organization to leap ahead of the competition by leveraging data-driven actionable insights and seamless statistical tools. These techniques help in delivering business value and improving business strategy.

Thus, the need of the hour today for the C-suite is to cut the clutter and enable them to improve decision-making, unlock new profit centers, and drive new business models using digitized and seamless statistical analysis. What enterprises need today is to democratize a data-driven culture.

Your wish is our Command - BGenie

BGenie, LTIs proprietary tool for statistical analysis has made the benchmark analysis available at a click of a button. It helps you identify key actionable insights that will not only lead to business transformation but also unlock value for the organization

Thus it creates an agile ecosystem where project managers can make faster and well-informed business decisions. The tools also arm your organization with new capabilities, offerings, and opportunities for engagement with superior customer experience.

Below are the few six sigma /statistical techniques available in the BGenie.

- **Exploratory data analysis like mean, median, various percentile values, histogram, box plot, etc.,**
- **Intuitive distribution identification using Shapiro Wilks Goodness of Fit test**
- **Control chart to control and monitor the process**
- **Hypothesis testing to assess if there is any change in performance**
- **Capability indices like Cp, Cpk help to assess process capability against Org/client goals**
- **Performance analysis to analyze the change in performance (for example, control limits) post implementing improvement actions**

The other features available to improve the usability of the tool are :



Access to the tool based on role in Org which has proved to be a boon for “work from home”



Various statistical tooltips and help videos help to infer from statistical analysis



Repository of baselines/ benchmarks which can be used during estimation/RFP stage



Downloadable reports & charts for further analysis

BGenie has automated the benchmarking process end to end and hence has helped to:

- Reduce baseline/benchmarking efforts by 75%
- Demystified the statistical analysis by eliminating the need for complex tools and knowledge of statistics
- The complex statistical analysis is available at a click of a button so now users can focus only on outcome and improvement
- Good benchmarking has helped to bring predictability to the organization's performance and estimations.
- More project, account managers now want to benchmark their performance (i.e., convert their data into Information further into insights).



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