



"Committed to provide a delightful learning experience"

Course: Business Statistics for Data Science

Tools used: Python, R and Excel

Duration: 15 hours (Online); Course Fee: INR 6000 only

Timings: 10 am - 1 pm, IST, (Saturday & Sunday)

Start Date: 30th March 2024

Statistical thinking will one day be as necessary a qualification for efficient citizenship as the ability to read and write- H.G. Wells



H G Wells

From the desk of Co-Founder & CEO

"Joyful Greetings,

Statistics form a basic building block for learning Data Science and Machine Learning where most of the beginners find difficulty at interpretation level. This course is designed for beginners, Data Science professionals who wish to sharpen their understanding about statistics. The execution will be shown in Python, R and Excel by a competent trainer so that all participants irrespective of their comfort in popular languages can learn seamlessly. Equal importance will be given on theoretical underpinnings from the interpretation perspectives.



Wishing you a delightful learning experience.

Dr Vinod"

Course Structure

| | Content in brief |
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| Module 1 | Importance of Statistics, Central Tendency and what it reflects for a decision maker, Descriptive Statistics- the chief arsenal for understanding Data. |
| Module 2 | Popular Distributions like Normal, Binomial, Poisson and Uniform Distributions with real world applications. |
| Module 3 | Population and Sampling, Central Limit Theorem, Null and Alternate Hypothesis, Confidence Level & Level of Significance, Type I & Type II Errors. One Sample T Test. |
| Module 4 | Paired Sample T Test and Independent Sample T Test in real world context. Introduction to One Way ANOVA. |
| Module 5 | One Way ANOVA and Chi-Square Test in real world scenario. |

Key Features of the Pedagogy

1. Instructions for downloading & installing R and Jupyter will be provided by the trainer.
2. All concepts will be explained with the help of data sets and commands in R, Python and Excel will be demonstrated in sessions by the trainer.
3. All sessions will be intensively interactive and participants will be encouraged to ask questions.
4. Trainer can be approached after the sessions also for technical queries.