

## Workshop on Data Analytics

**Organized by:** The Technology Innovation Hub on Data Science, Big Data Analytics and Data Curation at the INDIAN STATISTICAL INSTITUTE, Kolkata

**Dates:** July 26 – August 06, 2021. *The workshop will be conducted online.*

**Coordinator:** Professor Ayanendranath Basu ([ayanbasu@isical.ac.in](mailto:ayanbasu@isical.ac.in))

**Maximum Number of Participants:** 50

**Course Content:** The workshop will primarily provide an overview of statistical methods that play very significant roles in Data Analytics. These will include topics such as Regression Analysis, Time Series Analysis, Machine Learning Methods (Supervised/Unsupervised), Model Selection, Bayesian Methods, Categorical Data Analysis, etc. Implementation of these techniques using R will also be discussed. The focus will be on interpretation and application rather than on theoretical details.

**Eligibility:** Participants should be post-graduate degree holders who are working in the areas of data science, business analytics and machine learning, or plan to apply such techniques in their research or professional work. Participants should have at least a basic working knowledge of statistical methods, and should have a familiarity with the mathematical tools required at the level of undergraduate statistics courses. The lectures will be accompanied by hands-on training in R, which will be introduced during the course. Familiarity with the use of computers is absolutely essential, and familiarity with statistical software will be helpful.

**Course Fee:** Rs. 3000 + GST per person. (Rs. 1500 + GST for full time students/research scholars with verified student status).

**How to Apply:**

Go to <https://www.isical.ac.in/~tihisi>

Look under “Workshops/Seminars”.

Find the “Workshop on Data Analytics”.

Find and fill up the google docs form under “How to Apply” in the description of this workshop.

Once your application is approved, you will be provided instructions on how to pay the course fee. Applications from eligible candidates will be accepted until the capacity (50 participants) is filled up.

**Certificate:** A certificate of participation will be provided to all participating candidates.

**For further queries, write to:** [ayanbasu@isical.ac.in](mailto:ayanbasu@isical.ac.in) or [k.swati\\_t@isical.ac.in](mailto:k.swati_t@isical.ac.in)