

# Workshop Report – From Data to Decisions: Correlation, Regression & Inference

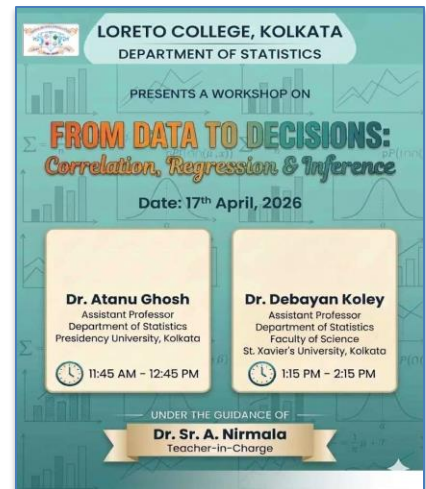
Department of Statistics  
Loreto College, Kolkata

Title: From Data to Decisions: Correlation, Regression & Inference

Date: 17th April 2026

Venue: Loreto College, Kolkata

Target Audience: Statistics Minor Students



## Objectives

- To introduce concepts of correlation, regression, and statistical inference
- To develop understanding of data-driven decision making
- To strengthen theoretical concepts with practical insights
- To encourage analytical thinking among students

## Resource Persons

- Dr. Atanu Ghosh, Assistant Professor, Presidency University, Kolkata
- Dr. Debayan Koley, Assistant Professor, St. Xavier's University, Kolkata

## Brief Report of the Session

The Department of Statistics, Loreto College, Kolkata, organized a workshop on “From Data to Decisions: Correlation, Regression & Inference” on 17th April 2026 at the college premises for Statistics Minor students. The sessions focused on correlation, regression, and statistical inference, along with their practical applications in data-driven decision-making. The sessions were highly interactive and helped students develop a clearer understanding of the topics.

## Students' Gains / Learning Outcomes

- Clear understanding of correlation and regression techniques
- Basic knowledge of statistical inference
- Ability to interpret data for decision making
- Increased interest through interactive expert sessions



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