

**Aliah University**

**Dept. of Management and  
Business Administration**

RESEARCH COLLOQUIUM - V



**Evaluation Metrics  
for Statistical  
Models: Using R**

**Date: 27-09-2020, Time: 3:45 PM  
Google Platform**

**Peer to peer knowledge sharing**

**by**

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The Research Colloquium is targeted to build a conducive ecosystem in the department to propagate research work on peer-to-peer collaboration basis. The platform shall be used by the teachers of the department to showcase their research works, know-how and expertise which will open up doors for collaborative research. The programme also targets to groom young members of the faculty to be the future Resource Person. In future the programme shall be shared on a broader platform to induct the teaching community beyond the boundary of Aliah University.

A statistical model is a mathematical model that embodies a set of statistical assumptions concerning the generation of sample data (and similar data from a larger population). All statistical hypothesis tests and all statistical estimators are derived via statistical models. Various model evaluation techniques help us to judge the performance of a model and also allows us to compare different models fitted on the same dataset. R, as a programming language, has emerged as a robust application to produce higher order statistical models based on evaluation metrics.

The Department of Management and Business Administration, hereby, acknowledges the constant support and patronization of the University authority in organising and sharing peer-to-peer events to augment and enrich teaching-learning environment and research.