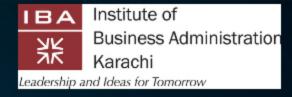IBA | Institute of
Business Administration
Karachi
Leadership and Ideas for Tomorrow

Workshop on
Theoretical Foundations of Machine Learning for Economics (Part 2)

Resource Person

Sonan Ahmed Memon

Faculty at IBA, Karachi
MPhil Economics from Oxford University, UK

Join us on April 14th & 15th
via zoom
Meeting ID 885 8197 2000
Passcode 6miczd

Program of Workshop

Lecture 3   Introduction to Deep Neural Networks

Date & Time: Wednesday, April 14, 2021 at 04:00 P.M. to 06:00 P.M.
Content: Introduction to Deep Neural Networks, Deep, Feed Forward Networks, Activation Functions, Gradient Based Learning, Network Design, Backpropagation, Stochastic Gradient Descent, Regularization, Economic Applications and Brief Discussion of Implementation in R.

Lecture 4   Computational Linguistics: Text as Data

Date & Time: Thursday, April 15, 2021 at 04:00 P.M. to 06:00 P.M.
Content: Representing Text as Data, Dimension Reduction, Text Regression, Generative Language Models, LDA (Latent Dirichlet Allocation) and Topical Modelling, Economic Applications and Brief Discussion of Implementation in R.

Part 1 of workshop (Lecture 1 & 2) was held in December, 2020.

For further details contact smemon@iba.edu.pk