

INSTITUTE OF DEVELOPMENT STUDIES KOLKATA

(A Centre of Excellence in Social Sciences funded by the Government of West Bengal)

SALT LAKE CAMPUS • DD 27/D, SECTOR 1, SALT LAKE, KOLKATA 700 064

IDSK SPECIAL LECTURE

Machine Learning and BIG Data for Economists

Speaker

Subrata Sarkar Professor, IGIDR

Date and Time

23 June 2023, 3.00 PM

Venue

Fifth Floor, IDSK



Abstract:

In recent years machine learning has emerged as a powerful tool for analysing large volumes of information. Such information transcends our usual understanding of large volumes of "structured data" and extends to data contained in text and satellite images, popularly known as "alternate data."

This talk will give an introduction to the popular machine learning tools that can be used to analyse large volumes of "structured data", how these tools contrast and complement the usual econometric techniques, and how one can utilise text and satellite data to undertake sentiment analysis and obtain high frequency measures of otherwise low frequency economic aggregates. At the end some ethical concerns of machine learning and BIG Data will be suggested.

This talk will be non-technical and meant for a general audience with interest in machine learning and BIG Data. No pre-requisite is suggested.

Sd/-

Simantini Mukhopadhyay

Convenor, Seminar Committee, IDSK

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