

**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**