

# Special Lecture

## Machine Learning and BIG Data for Economists

### Speaker

**Subrata Sarkar**  
**Retired Professor of Economics,**  
**IGIDR Mumbai**



### Date and Time

**25 April, 12:00-1.30 pm**

### Venue

**Seminar Room, Fifth Floor, IDSK**

### **Abstract:**

*In recent years machine learning has emerged as a powerful tool for analysing large volume of information. Such information transcend our usual understanding of large volume of "structured data" and extend 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 volume 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 learn and BIG Data. No pre-requisite is suggested.*

**Sd/-**

**Simantini Mukhopadhyay**  
**Convenor, Seminar Committee, IDSK**