BUSINESS ANALYTICS FOR MANAGEMENT DECISION

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PRE-REQUISITES : Basic Statistics, Basic Mathematics, and Basic Management

INTENDED AUDIENCE : Management Students

COURSE OUTLINE :
Students can exposure on data analysis, modeling and spreadsheet use with BUSINESS ANALYTICS for DECISION MAKING. This course will be exclusively quantitative and an application to business/ management related problems. It is connected with problem sets and real life cases to know the relevance of a particular problem and the decision making thereof

ABOUT INSTRUCTOR :
Prof. Rudra P. Pradhan is Associate Professor at Vinod Gupta School of Management, IIT Kharagpur. His specialization is Econometric Modeling and Financial Econometrics. His teaching and research assignments are mostly on financial analytics econometric modeling and mathematical modeling.

COURSE PLAN :

Week 1**:** Introduction to Business Analytics

Week 2**:** Exploring Data and Analytics on Spreadsheets

Week 3**:** Descriptive Analytics

Week 4**:** Inferential Analytics 1

Week 5**:** Inferential Analytics 2

Week 6**:** Predictive Analytics 1

Week 7**:** Predictive Analytics 2

Week 8**:** Predictive Analytics 3

Week 9**:** Prescriptive Analytics 1

Week 10**:** Prescriptive Analytics 2

Week 11**:** Prescriptive Analytics 3

Week 12**:** Decision Analytics