

## NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Management - NOC:Data Analysis and Decision Making-I

Subject Co-ordinator - Prof. Raghunandan Sengupta

Co-ordinating Institute - IIT - Kanpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction
- Lecture 2 - Data Representation and Frequency
- Lecture 3 - Frequency Table and Mean
- Lecture 4 - Descriptive Statistics
- Lecture 5 - Introduction To Probability
- Lecture 6 - Conditional Probability
- Lecture 7 - Baye'S Theorem And Distributions
- Lecture 8 - Binomial Distribution
- Lecture 9 - Hypergeometric, Poisson, Normal Distribution
- Lecture 10 - Distribution Function
- Lecture 11 - Normal Distribution
- Lecture 12 - Sampling
- Lecture 13 - Some Distributions
- Lecture 14 - More on Distributions
- Lecture 15 - Estimators
- Lecture 16 - MLE
- Lecture 17 - Statistical Inference
- Lecture 18 - Hypothesis Testing
- Lecture 19 - Hypothesis Testing
- Lecture 20 - Hypothesis Testing
- Lecture 21
- Lecture 22
- Lecture 23
- Lecture 24
- Lecture 25
- Lecture 26 - Forecasting
- Lecture 27 - Forecasting
- Lecture 28 - Data Properties
- Lecture 29 - Multivariate Statistical Analysis

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- Lecture 30 - Multivariate Statistical Analysis
- Lecture 31 - Multivariate Statistical Analysis
- Lecture 32 - Multivariate Statistical Analysis
- Lecture 33 - Multivariate Distribution
- Lecture 34 - Multivariate Extreme Value Distribution
- Lecture 35 - Mle Estimates
- Lecture 36 - Mle Estimates
- Lecture 37 - Copula Theory
- Lecture 38 - PCA
- Lecture 39 - PCA
- Lecture 40 - Factor Analysis
- Lecture 41 - Factor Analysis
- Lecture 42 - Introduction to Utility Theory
- Lecture 43 - Utility Analysis
- Lecture 44 - Decision Sciences
- Lecture 45 - Utility Functions
- Lecture 46 - Exponential Utility Function
- Lecture 47 - Risk Concepts
- Lecture 48 - Utility Theory Axioms
- Lecture 49 - Utility Analysis
- Lecture 50 - Chebyshev'S Inequality
- Lecture 51 - Loss Function
- Lecture 52 - Loss Function
- Lecture 53 - Loss Function and MLR
- Lecture 54 - MLR
- Lecture 55 - Loss Function
- Lecture 56 - Cannonical Correlation
- Lecture 57 - cannonical Correlation (Continued...)
- Lecture 58 - Structural Equation Modeling (SEM)
- Lecture 59 - SEM
- Lecture 60 - SEM