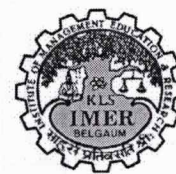




**Karnatak Law Society's
Institute of Management Education and Research
(Autonomous)**



Lesson Plan

**Course: Statistics for Managers
Course Code: 25DSC107**

Semester: I

Division:- A

Academic Year: 2025-26

Duration of Session: 60 Min.

No. of Sessions: 50

Course Objectives:

1. To provide basic ideas on various statistical tools.
2. To apply Techniques to collect, analyse and interpret numerical data
3. To understand MS Excel, Power Bi for applying statistical tools

Learning Outcomes:

1. Learners will summarize data using basic statistics and graphs.
2. Learners will analyze variability and relationships in data.
3. Learners will apply regression and probability concepts to data.
4. Learners will create meaningful data visualizations.
5. Learners will perform statistical analysis using Excel and BI tools.

SN	Date	Day	Timings	Topic	Activities / Exercise
1	11-11-25	Tue	12:30 pm to 1:30 pm	Introduction to syllabus	
2	13-11-25	Thu	3:30 pm to 4:30 pm	Understanding types of data and relevance in statistics	
3	14-11-25	Fri	11:30 pm to 12:30 pm	Statistics functions, applications and scope	
4	17-11-25	Mon	2:30 pm to 3:30 pm	Classification, Tabulations	
5	18-11-25	Tue	12:30 pm to 1:30 pm	Frequency Distributions	
6	19-11-25	Wed	3:30 pm to 4:30 pm	Class intervals types	
7	20-11-25	Thu	11:30 pm to 12:30 pm	Graphs and diagrams	Hand written assignment on Statistics, introduction, problems on Diagrams, Graphs, Frequency Distribution
8	21-11-25	Fri	2:30 pm to 3:30 pm	Measures of central tendency	
9	24-11-25	Mon	12:30 pm to 1:30 pm	Formulae and Types of data	
10	25-11-25	Tue	3:30 pm to 4:30 pm	Problems on Means	
11	27-11-25	Thu	11:30 pm to 12:30 pm	Problems on Means (contd)	
12	28-11-25	Fri	2:30 pm to 3:30 pm	Problems on Combined Mean	
13	01-12-25	Mon	12:30 pm to 1:30 pm	Problems on Median	
14	02-12-25	Tue	3:30 pm to 4:30 pm	Problems on Median	
15	04-12-25	Thu	11:30 pm to 12:30 pm	Problems on Mode	Connecting central tendency and dispersion concepts through Shark Tank

16	05-12-25	Fri	2:30 pm to 3:30 pm	Problems on Range, Standard Deviation	
17	08-12-25	Mon	12:30 pm to 1:30 pm	Problems on Standard Deviation	
18	09-12-25	Tue	3:30 pm to 4:30 pm	Standard Deviation - case study Problems	Practical Assignment – Students capture real time primary data and analyze the tendency and dispersion
19	11-12-25	Thu	11:30 pm to 12:30 pm	Case Study Problems (Contd)	
20	12-12-25	Fri	2:30 pm to 3:30 pm	Correlation -Scatter diagram	
21	15-12-25	Mon	12:30 pm to 1:30 pm	Computer lab - Module 1 & 2	Students plot scatter diagrams using real business data (e.g., advertising vs. sales) and interpret the correlation
22	16-12-25	Tue	3:30 pm to 4:30 pm	Problems Contd	
23	18-12-25	Thu	11:30 pm to 12:30 pm	Problems on Rank Correlation	
24	19-12-25	Fri	2:30 pm to 3:30 pm	Regression Equations	
25	22-12-25	Mon	12:30 pm to 1:30 pm	Continued Problems on Regression	
26	23-12-25	Tue	3:30 pm to 4:30 pm	Problems on regression equation	
27	25-12-25	Thu	11:30 pm to 12:30 pm	Holiday - Christmas	
28	26-12-25	Fri	2:30 pm to 3:30 pm	Problems on method of least square	
29	29-12-25	Mon	12:30 pm to 1:30 pm	Regression problems (contd)	
30	30-12-25	Tue	3:30 pm to 4:30 pm	Regression problems (contd)	
31	01-01-26	Thu	11:30 pm to 12:30 pm	Regression problems from previous QPs	
32	02-01-26	Fri	2:30 pm to 3:30 pm	Problems on Moving averages	
33	05-01-26	Mon	12:30 pm to 1:30 pm	Revision and doubt solving	
34	06-01-26	Tue	3:30 pm to 4:30 pm	Computer Lab Practical	Students run basic statistical functions using Excel's Data Analysis ToolPak
35	08-01-26	Thu	11:30 pm to 12:30 pm	Probability	Students run simple linear regression and interpret coefficients, R^2 , and significance
36	09-01-26	Fri	2:30 pm to 3:30 pm	Probability	
37	12-01-26	Mon	12:30 pm to 1:30 pm	Probability Distribution - Binomial	
38	13-01-26	Tue	3:30 pm to 4:30 pm	Probability Distribution - Binomial	
39	15-01-26	Thu	11:30 pm to 12:30 pm	Binomial Distribution - Poisson	
40	16-01-26	Fri	2:30 pm to 3:30 pm	Poisson Distribution - Normal	

41	19-01-26	Mon	12:30 pm to 1:30 pm	Poisson Distribution - Normal	
42	20-01-26	Tue	3:30 pm to 4:30 pm	Computer lab - Module 3	
43	23-01-26	Fri	11:30 pm to 12:30 pm	QP problems Stats	
44	24-01-26	Sat	2:30 pm to 3:30 pm	Doubt Solving Session	
45	26-01-26	Mon	12:30 pm to 1:30 pm	Holiday - Republic Day	
46	27-01-26	Tue	3:30 pm to 4:30 pm	Computer Lab - Correlation & Regression	
47	29-01-26	Thu	11:30 pm to 12:30 pm	Computer Lab - Regression	
48	30-01-26	Fri	2:30 pm to 3:30 pm	Data visualisation	Navigate Data Visualisation Tool
49	02-02-26	Mon	12:30 pm to 1:30 pm	Computer Lab Exercise Revision	Students learn to create dashboards with bar charts, line charts, using a dataset such as sales, HR attrition, or customer data, etc
50	03-02-26	Tue	3:30 pm to 4:30 pm	Computer Lab Exams	Continued



Dr. Ajay B. Jamnani

Course Faculty



Dr. Arif Shaikh

Director