Sr. No.	Topic Name
1	Data Analytics Overview
2	Evolution of Data Analytics
3	Types of Data Analytics
4	Importance and Benefits of Data Analytics
5	Different Applications of Analytics in Business
6	Text Analytics
7	Web Analytics
8	Text Analytics vs Web Analytics
9	Skills for Business Analytics
10	Fundamentals of Statistical Methods
11	Descriptive Statistics – Measures of Central Tendency & Dispersion
12	Inferential Statistics – Hypothesis Testing
13	Inferential Statistics – Confidence Intervals
14	Exploratory Data Analysis – Identifying Patterns & Trends
15	Exploratory Data Analysis – Detecting Outliers
16	Regression Analysis
17	Classification Techniques
18	Clustering Methods
19	Time Series Analysis
20	Optimization Techniques
21	Simulation and Risk Analysis
22	Importance of Data Visualization
23	Business Forecasting Techniques
24	Principles of Effective Data Visualization
25	Basic Visualization Tools (Pie Chart, Bar Chart, Histogram, Line Chart, Scatter Plot, Box Plot)
26	Advanced Visualization Techniques (Heat Map, Gantt Chart, Waterfall Chart)
27	Advanced Visualization Techniques (Area Chart, Network Diagram, Word Cloud)
28	Emerging Trends in Business Data Analytics & Visualization
29	Spreadsheet Modeling for Data Analytics
30	Text Analytics & Web Analytics
31	Applications in Business Analytics
32	Real-World Applications – Business
33	Real-World Applications – Healthcare
34	Real-World Applications – Finance
35	Case Studies – Stock Market Analytics
36	Case Studies – Air Quality Index Analysis
37	Applications and Case Studies in Data Analytics & Visualization
38	Project Work – Data Collection & Preprocessing
39	Project Work – Exploratory Data Analysis
40	Project Work – Applying Regression & Classification Models
41	Project Work – Applying Clustering & Time Series Techniques
42	Project Work – Data Visualization Implementation
43	Project Work – Final Analysis & Interpretation
44	Project Work – Report Preparation & Documentation
45	Project Work – Presentation & Discussion