DATA ANALYTICS

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1. Remembering: Students will be able to recall the fundamental concepts and techniques in data analytics, such as evolution of data analytics, descriptive analysis, predictive analytics, and skills required for business analytics.

2. Understanding: Students will demonstrate comprehension of the theoretical foundations of probability, binomial distribution, hypothesis testing, ANOVA, correlation coefficient, polynomial regression, and data visualization techniques.

3. Applying: Students will apply their knowledge of Power BI, geospatial data analysis, power query, and M language to manipulate and analyze real-world datasets effectively.

4. Analyzing: Students will be able to critically analyze and interpret data using various statistical tools and techniques, such as regression analysis, hypothesis testing, and data visualization to derive meaningful insights.

5. Evaluating: Students will evaluate the effectiveness of different data analytics methods and tools in solving practical business problems, using case studies from companies like Amazon, Netflix, and logistics planning scenarios.

6. Creating: Students will be able to create informative and visually appealing data visualizations using Power BI and other tools to communicate their findings effectively to stakeholders.

By the end of the course, students will have developed a strong foundation in data analytics and acquired the essential skills to apply statistical methods, data visualization techniques, and advanced analytics tools to make data-driven decisions in various business domains.