Seminar on 08-09-2025

Dept –M. Pharm. III Sem (Pharmaceutical Biotechnology)

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Topic- IBM SPSS statistics

Summary- IBM SPSS Statistics is a comprehensive software for statistical analysis, data management, and predictive modeling. It allows users to import, clean, and transform data, handle missing values, and apply a wide range of statistical techniques from basic descriptive statistics to advanced methods like regression, ANOVA, and non-parametric tests. The software also supports multivariate analysis, predictive analytics (e.g., time series, decision trees, neural networks), and offers strong visualization tools with export options to Word, Excel, PDF, and PowerPoint. With integration for Python, R, and syntax automation, SPSS is widely used in research, healthcare, business, and government for efficient, data-driven decision-making.