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B.Com Honours

Semester 4

Calicut University

DATA ANALYTICS WITH STATISTICAL SOFTWARE

Course Code: COM4FV110 • Module SYLLABUS Notes

Official Course Syllabus

Course Code: COM4FV110 **Course Title:** DATA ANALYTICS WITH STATISTICAL SOFTWARE

Course Type: Minor **Academic Level:** 200-299

Credits: 4 Credits

Course Summary: Data Analytics Using SPSS is a comprehensive course designed to equip students with the knowledge and skills necessary to analyze data effectively using the SPSS

Module I: Inferential Statistics

- **Unit 6:** Hypothesis Analysis with SPSS-Null/Alternative Hypothesis Formulation
- **Unit 2:** Chi Square Test
- **Unit 8:** Correlation Analysis

Module I: t c o n t e n t H o u r s

Module I: mportance of data visualization in reports and statements

- **Unit 6:** key aspects of reports and statements
- **Unit 7:** Meaning of business intelligence-concepts and features

Module I: II Types of Data

- **Unit 13:** Different types of data - Quantitative (numeric) -Discrete – Continuous – Qualitative (categoric)
- **Unit 14:** Ordinal -Categorical-scale
- **Unit 15:** Data relationships -Ranking -Deviation- Correlation- Partial and total relationships
- **Unit 16:** Nominal comparisons -Series over time

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