



GRADUATE SCHOOL OF MANAGEMENT STUDIES

GUJARAT TECHNOLOGICAL UNIVERSITY

Report on

One day Workshop on

“Data Analysis through Software”

Date: 28/05/2024; Time: 9:30am to 5:30pm

In today's data-driven business environment, the ability to analyze and interpret data is crucial for making informed decisions. To equip MBA (IB) students with these essential skills, a comprehensive workshop on Data Analysis using software was conducted. The workshop aimed to provide practical knowledge and hands-on experience in utilizing SPSS for effective data analysis. It was conducted on 28th May, 2024 from 9.30 am to 5.30pm. Dr. Ashok Bantwa, Assistant Professor, Faculty of Management, GLS University was invited as an expert for the workshop. He has vast experience of more than 15 years of Post Graduate teaching and research. He also has deep expertise of using various software for data analysis



Graduate School of Management Studies (GSMS)
Gujarat Technological University (GTU)
(Accredited with A+ Grade by NAAC)

Workshop on Data Analysis through Software



Eminent Speaker
Dr. Ashok Bantwa,
Assistant Professor, Faculty of
Management, GLS University

Date: 28-05-2024
Time: 09:30 AM to 04:00PM

Invitee
Dr. Pankajray Patel
Director - GSMS

Coordinator
Dr. Kaushal Bhatt
Associate Professor - GSMS

Locate us @ : GSMS, Academic Block-4, GTU Campus, Visat Gandhinagar Highway, Chandkheda, Ahmedabad Gujarat

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and interpretation. The workshop was based on data analysis through IBM SPSS as GSMS has procured license of the same. There were more than 65 students of Sem-2 of MBA (IB) programs has participated in the workshop enthusiastically. The content of the workshop was as under.

Part-I: Overview of SPSS

The workshop began with an introduction to SPSS, covering its history, development, and importance in the field of data analysis. The facilitators explained the user interface, key features, and various functionalities of SPSS. Students were introduced to the basics of data entry, data manipulation, and file management within SPSS.

Part-II: Data Preparation and Management

Participants were taught how to generate and interpret descriptive statistics, including measures of central tendency (mean, median, mode) and measures of dispersion (range, variance, standard deviation). The facilitators demonstrated how to visualize data using charts and graphs, enhancing the understanding of data distributions and trends.

Part-III: Descriptive Statistics and Graphs Using SPSS

Case Study-1 and 2: Mean, Median, Standard Deviation, Data Screening & Cleaning, Missing Data analysis. Case Study-3: Bar Chart, Pie Charts, Line Charts, etc


Part-IV: Hypothesis Testing

t-test one sample, t-test two sample, Chi-square


As a part of Research Methodology & Applied Statistics (RMAS) subject in the second semester of MBA (IB) program the workshop was organized. The Data Analysis Workshop was a resounding success, equipping MBA students with valuable skills in data analysis and interpretation. By the end of the workshop, participants had gained confidence in using SPSS to analyze data, draw meaningful insights, and support decision-making processes. The knowledge and experience acquired during the workshop will undoubtedly enhance their academic and professional pursuits in the field of business administration. Participant feedback was overwhelmingly positive, with many students expressing a desire for more advanced workshops on specific topics within data analysis.

Few Photographs:




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The Workshop was coordinated by
Dr. Kaushal Bhatt, Associate Professor, GSMS-GTU