

# Malnad College of Engineering

(An Autonomous Institute under VTU)



## Report on Webinar on “Importance of Excel and Widespread Usage in Data Analytics”

**Title:** Importance of Excel and Widespread Usage in Data Analytics

**Date:** 5th March, 2024

**Time:** 10.30 AM

**Speaker:** Saurav Dash

**About the speaker:** Saurav Dash, a graduate of Malnad College of Engineering, Hassan, has excelled as a Data Analyst at Jones Lang LeSalle since November 2022, following a successful internship at ResoluteAI.in. In their team, he has shown adeptness in translating complex business needs into actionable reports, contributing to a significant 11% sales increase for manufacturing clients. His involvement in data engineering projects highlights his proficiency in generating key insights, while his proactive pursuit of machine learning fundamentals demonstrates his commitment to growth and adaptability.

### Introduction:

The recent talk held at Malnad College of Engineering (New Computer Lab) featuring Saurav Dash provided participants with practical insights into the intricacies of Importance of Excel and Widespread Usage in Data Analytics, offering hands-on experience and valuable knowledge on the subject.

### Objectives:

- **Foundational Tool:** Saurav emphasizes Excel's role as a foundational tool for both beginners and experts in data analytics. Its simplicity combined with advanced capabilities caters to a wide range of users, facilitating tasks from basic data entry to complex analysis.
- **Data Management and Manipulation:** Excel's robust features for managing and manipulating data are highlighted. Saurav demonstrates how functionalities such as sorting, filtering, and pivot tables enable efficient organization and analysis of vast datasets.

- **Statistical Analysis:** Saurav showcases Excel's comprehensive suite of statistical functions and tools. He illustrates how analysts can leverage these features to perform a wide array of analyses, including averages, regression, and hypothesis testing.
- **Visualization:** Effective data visualization is underscored as crucial for conveying insights to stakeholders. Saurav illustrates Excel's charting capabilities and demonstrates how users can create visually compelling graphs and charts to enhance the presentation of analytical findings.
- **Integration and Compatibility:** Saurav discusses Excel's seamless integration with other data analytics tools and platforms. He highlights its compatibility with various file formats and data sources, enabling smooth data exchange and integration within existing workflows.
- **Accessibility and Affordability:** Saurav emphasizes Excel's accessibility and affordability, making it an ideal choice for analysts and organizations of all sizes. He discusses how Excel democratizes data analytics by providing a low barrier to entry for aspiring analysts.

### **Audience Interaction:**

Saurav Dash's engaging talk encouraged energetic conversations among attendees, with him skilfully addressing audience queries. By weaving in relatable examples and hands-on insights, he cultivated a dynamic flow of ideas, elevating the event's impact for all participants.

### **Conclusion:**

In conclusion, Saurav reaffirms Excel's status as a cornerstone in the field of data analytics. He emphasizes its versatility and power, showcasing how it empowers users to manage, analyse, and visualize data effectively. As we navigate the data-driven world, Excel remains a steadfast ally, enabling professionals to unlock valuable insights and drive informed decision-making.

## Gallery:

