

REPORT on 35-Hour Online Short-Term Certificate Course

on

“Business Analytics using Tableau and PowerBI”

By

IMS Proschool

1st August 2023 - 5th September 2023

An initiative of Mata Sundri College for women in
Collaboration with IMS Proschool

Embarking on an educational journey from August 1, 2023, to September 5, 2023, the IMS Proschool course offered a comprehensive exploration of data visualisation and analysis tools. This period saw participants immersed in learning the fundamentals of Tableau and Power BI, coupled with practical applications and advanced Excel features. The course also delved into career readiness aspects, preparing students for the challenges and opportunities in the evolving landscape of data-centric industries. This overview captures the key highlights and learnings from this immersive educational experience.

A vibrant community of 40 enthusiastic students actively engaged in this immersive learning experience. The diverse cohort brought varied perspectives and backgrounds, fostering a collaborative environment where each participant contributed to the collective growth and understanding of the course material.

Classes 1-2: Tableau Fundamentals

- Introduction to IMS Proschool and course overview.
- Ashish sir introduced himself and engaged with students.
- Explored Tableau basics, installation, and initial chart creation.

Classes 3-4: Chart Mastery in Tableau

- In-depth exploration of various charts in Tableau.
- Practical sessions on creating and analyzing charts.
- Introduction to chart decoration and customization.

Classes 5-6: Advanced Tableau Techniques

- Covered advanced charts, including area charts, scatter plots, and more.
- Introduced data manipulation concepts like bins and group functions.
- Explored Tableau dashboards and received feedback.

Classes 7-9: Power BI Essentials

- Transitioned to Power BI basics and its components.
- In-depth exploration of Power Query Editor and data modeling.
- Advanced features like data distribution and transformation.

Classes 10-11: Practical Applications in Power BI

- Application of Power BI skills to analyse COVID-19 data.
- Charts creation for death rates, vaccine distribution, and testing details.

- Dashboard creation and filter application in Power BI.

Classes 13: Advanced Excel and Power BI Mastery

- Covered advanced Excel features (VLOOKUP, INDEX, Goal Seek).
- Explored Pivot Tables and their applications.
- Addressed advanced Power BI features and real-world case studies.

Interview Classes: Career Readiness

- Preparation for interviews with resume building.
- In-depth discussions on common interview questions.
- Tips for effective responses in personal, goal, and situational interviews.

Classes 14-15: Excel Advanced Features and Case Studies

- Explored Goal Seek, Goal Table, and scenarios in Excel.
- Addressed student queries and practised case studies.

Conclusion:

IMS Proschool's course, conducted from August 1, 2023, to September 5, 2023, provided a comprehensive and practical education in data visualization, analysis, and career preparation. Students acquired proficiency in Tableau, Power BI, and advanced Excel, positioning them for success in data-centric roles within the industry.