

Tentative Schedule for Analytics Training

Week#	Date	Topic	Details
1	5 <sup>th</sup> March	Introduction to Data Analytics	Class Introduction & Course Roadmap + Introduction to data driven decision making
1	6 <sup>th</sup> March	Data Analysis Principles	Roles, Ecosystem, Data Analysis Lifecycle and steps, methods of analysis and inculcating a data driven mindset (With Industrial examples and real-world examples).  Introduction to the Tools and Technologies in the world of data – Relational Databases, NoSQL Databases, Big Data Tools, Statistical Tools, Machine Learning Tools, Visualization Tools etc.
2	12 <sup>th</sup> March	SQL for Data Analysis	Introduction to the basics of SQL
2	13 <sup>th</sup> March	SQL for Data Analysis	Hands-on approach with use cases – Basic Functions
3	19 <sup>th</sup> March	SQL for Data Analysis	Hands-on case study using SQL (Case Study-1)
3	20 <sup>th</sup> March	Introduction to Statistical Analysis	The key statistical concepts required for analytics with hands-on examples
4	26 <sup>th</sup> March	Introduction to Microsoft Excel	Basic excel functions and concepts with hands-on examples
4	27 <sup>th</sup> March	Visualization & Dashboarding using MS Excel	Understanding the data landscape and building the dashboard from scratch: Building the Financial dashboard using Excel [Case Study -1]
5	2 <sup>nd</sup> April	Visualization & Dashboarding using MS Excel	Understanding the data landscape and building the dashboard from scratch: Building the Financial dashboard using Excel [Case Study -2]
5	3 <sup>rd</sup> April	Introduction to Tableau	Basics of Tableau Visualization (Basic Level)
6	9 <sup>th</sup> April	Introduction to Tableau	Basics of Tableau Visualization (Intermediate Level)
6	10 <sup>th</sup> April	Visualization & Dashboarding using Tableau	Building the Financial dashboard using Tableau [Case Study -1]
7	16 <sup>th</sup> April	Data Storytelling using Tableau	Building the Financial dashboard using Tableau [Case Study -1] + Data Storytelling
7	17 <sup>th</sup> April	Introduction to Power BI	Basics of Power BI Visualization (Basic Level)
8	23 <sup>rd</sup> April	Introduction to Power BI	Basics of Power BI Visualization (Intermediate Level)
8	24 <sup>th</sup> April	Visualization & Dashboarding using Power BI	Building the Financial dashboard using Power BI [Case Study -1]

9	30 <sup>th</sup> April	Visualization & Dashboarding using Power BI	Building the Financial dashboard using Power BI [Case Study -2]
9	1 <sup>st</sup> May	Special Scenarios Discussion + Doubt clearing session + Capstone Project unveiling	Implementing certain industrial product specific use cases from the corporate world
10	Gap week for completing the Capstone Project		
11	14 <sup>th</sup> May	Capstone Project Evaluation	Capstone project presentation by participants (Group Presentation) – Includes evaluation and feedbacks
11	15 <sup>th</sup> may	Ending notes	Wrap-up and Course revisits

NOTE: The above schedule is tentative, and subject to change if students demand so.