

Tentative Course Outline

S.No.	Topics
1.	Introduction to big data analytics (descriptive, diagnostics, discovery, predictive , prescriptive) and how they align to power industry Roles into analytics (data scientist, data analyst, business analyst etc)
2.	Understanding integrated analytical approach – data management, analytics and visualization Through case analysis – role of data integrated analysis (consumer analysis-meter consumption data, consumer billing data),
3.	Introduction to data management techniques to create “data lake” Role of data integration, data quality Role of hadoop in solving big data challenges in power sector
4.	Demo on the platform – show case of business issue demonstration
5.	Case study