Course Name: Data Analysis and Visualization

Breakdown of the curriculum and content by CloudThat (semester wise 50 hours for each semester)	MS Certification Offers	Mode of training	Theory (T) and practical (P) hours	Tools/Software intended for training	Details on exercises, projects	Assessment Process	Pre-requisites
Semester 5: 1. Fundamentals of Data 2. Fundamentals of Relational Data in Azure 3. Fundamentals of Non-Relational Data in Azure 4. Introduction to Data Analytics 5. Data Wrangling and Cleaning 6. Exploratory Data Analysis 7. Statistical Methods for Data Analysis 8. Introduction to Data Visualization 9. Machine Learning 10. Software/Tools: Python, R, Excel, Tableau, Power BI"	DP-900: Microsoft Azure Data Fundamentals Certifications	Offline	Theory - 30 Hrs Practical - 20 Hrs	Azure Subscription	Case studies, Practical Lab, Industry project	Offline Module and Lab assessment and Online MCQ based assessment will be conducted after completion of each semester on CloudThat Test Prep Platform + Online Guidance before appearing Global certification + Every Student will get the Microsoft Official Curriculum Redemption code	Computer Lab/Laptops with fast internet connection, Black/white board and projector