



Inversion Consultancy LLP

Organizing Entity



SkillForge

Delivery Partner

BUSINESS ANALYTICS AGENDA

01	Introduction toPython	▶ Python fundamentals	Class1-1 hour
			Class 2 - 1 hour
02	Introduction toPython	▶ Datatypes, list, dictionary Array, string operations,	Class 3 – 1 hour
			Class 4 – 1 hour
03	Introduction toPython	▶ Conditionsand loops	Class 5 – 1 hour
			Class 6 – 1 hour
04	Introduction toPython	▶ Inbuiltanduserdefinedfunctions IO,Numpy, Error Handling	Class 7 – 1 hour
			Class 8 – 1hour
05	IntroductiontoData analysis	▶ Pandas and visualization	Class 9 – 1 hour
			Class 10 – 1 hour
06	Statistics and Probability	▶ Introduction to probability & distributioncentrallimit theorem, hypothesis testing	Class 11 – 1 hour
			Class 12 – 1 hour



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07	Introduction to Data Science Intro to SQL for Data Science	▶ Introduction to Data Science and it's tools and Difference between ML and DS Basics of SQL, Data Types, SELECT*, Order By and Joins	Class13 - 1 hour 30 mins
08	Intro to Tableau Tableau	▶ Basics of Tableau with CSV files, Data visualization, Data Mining in Tableau with some statistic test	Class14 - 1 hour 30 mins
09	Intro to ML SLR	▶ Supervised vs Unsupervised and different types of ML Algorithms Simple Linear Regression with Sk learn	Class15 - 1 hour 30 mins
10	MLR Classification	▶ Multiple Linear Regression Logistic Regression and classification metrics	Class16 - 1 hour 30 mins
11	Classification Unsupervised	▶ KNN and SVM Intro to clustering with K means	Class17- 1 hour 30 mins
			Class18 - 1 hour 30 mins
12	Dimension Reduction	▶ Dimensionality Reduction, PCA and LDA	Class19 - 1 hour 30 mins



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13	Intro to NLP	▶ Natural Language Processing with NLTK and Naïve Bayes	Class20 - 1 hour 30 mins Class21 - 1 hour 30 mins
14	Time Series	▶ Time series analysis with Pandas and ARIMA	Class22 - 1 hour 30 mins Class23 - 1 hour 30 mins
15	BI Tools	▶ Intro to Business Intelligence tools in the industries	Class24 - 1 hour 30 mins
16	Webapp	▶ Webapp using stream lit	Class 25 - 1 hour 30 mins