

	
Title	Data Science Training
Contents	<ul style="list-style-type: none"> ▪ Induction to Data Science and AI ▪ Introduction to Python Programming ▪ Data Structure and Databases using SQL ▪ Statistics ▪ Advances Python ▪ Machine Learning Overview ▪ Data Visualization - Power BI
Course Description	This course is ideal for you if you are working in a role that works with data, such as advertising, journalism, design, computing, etc, or you are a complete fresher (no experience) who wants to learn more about getting value from data and make a career as a Data Scientist.
Duration	40 Hours
Eligibility	Master's in Data Science (or) Mathematics (or/) should have some programming and statical background
Batch/Timings	<p>Data Science</p> <p>Weekday Batch – Online/ Face-Face classes</p> <p>Mon - Wed - Fri 11AM - 2 PM</p> <p>Weekend Batch – Online / Face-Face classes</p> <p>Saturday and Sunday - 11 PM to 4pm</p>

Course Details	<p>Induction to Data Science and AI</p> <ul style="list-style-type: none">▪ Understanding data science and AI▪ Setting expectations about tools and environment needed▪ Installing Visual Studio Code, Python, Excel and Power BI, Jupyter Notebook <p>Introduction to Python Programming</p> <ul style="list-style-type: none">▪ Build your first program in Python▪ Learn about Python fundamentals▪ Python data structures, and working with data in Python▪ Become familiar with key Python functions, objects, and classes <p>Data Structure and Databases using SQL</p>
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- Installing SQL Server database
- Familiarisation with SQL commands
- Familiarisation with NoSQL and Mongo DB

Statistics

- Data Types (Variables)
- Measurement Levels
- Histograms
- Distributions
- Measures of Central Tendency (Mean, Median, Mode)
- Measure of Dispersion (Range, Variance, Standard Deviation)
- Probability and Probability Distribution
- Random Variables
- Correlation

Advances Python

- NumPy for working with numerical data
- Pandas for data mining and manipulation
- Plotting – Matplotlib
- Exploratory Data Analysis (EDA)

Machine Learning Overview

- Learning and Prediction
- Feature Engineering - Data Cleansing
- Data Splitting

	<p>Data Visualization - Power BI</p> <ul style="list-style-type: none"> ▪ Why Data Visualization is Important ▪ Installing Power BI ▪ Connecting with Data ▪ Creating Views and Analysis ▪ Dashboards & Stories ▪ Advance Expressions ▪ Advance Visualization Methods ▪ Using charts and visualisations in Excel
Tools Covered	Python, Jupyter, Pycharm, PowerBi, Kaggle, Matplotlib, Pandas, Numpy, Seaborn
Benefits	<p>Live project Access: Every student will be assigned to our live projects with access to tools like live Jira and test rail. These projects are underdevelopment, and you will be able to get real time experience.</p> <p>Mobile Testing: We also give opportunity to work with our mobile apps in both iOS and android.</p> <p>Recorded sessions: Every session will be recorded in Zoom so that you can review the class any time up to 6 months.</p> <p>Course material: Every session will be backed up by the course content in pdfs, docs and excel so that it will help for further learning and home works.</p> <p>Access to Community: After completing the course you will get access to our community and access the networking events and free workshops.</p> <p>CV and Job Support: We will be giving you tips on how to improve your CV and LinkedIn profile. We will also be guiding you in your job search.</p>

Target Jobs/Salary	Data Scientist, Data Analyst, Data Engineer Start from 35k
FAQ'S	http://www.ittalenthub.co.uk/faq.html
Job Support Information Link	http://www.ittalenthub.co.uk/data-science-job-support.html
Course Enrolment Link	https://forms.gle/rc8gjj52PovpBJs18
Certifications	We provide a course completion certificate at the end of the course.
Testimonial	<p>Dear Sriram Sir and Team,</p> <p>Hope all is well at your end.</p> <p>I just wanted to take a moment to let you know how much I appreciate the training, support and guidance you have provided me to get this opportunity to work with my current employer.</p> <p>I am really grateful to you and all your team members for the efforts, hard work and energy they have put to reach me to this level.</p> <p>I was lucky to have you as my trainer and mentor.</p> <p>Thanks,</p>
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