

[Data Science](#) > [Data Science Masters](#)

Data Science masters 2.0

Data Science Masters course is highly curated and uniquely designed according to the latest industry standards. This program instills students the skills essential to knowledge discovery efforts to identify standard, novel, and truly differentiated solutions and decision-making, including skills in managing, querying, analyzing, visualizing, and extracting meaning from extremely large data sets. This trending program provides students with the statistical, mathematical, and computational skills needed to meet the large-scale data science challenges of today's professional world. You will learn all the stack required to work in data science, data analytics, and big data industry including cloud infrastructure and real-time industry projects.

Language: Hinglish

Duration: 9 months



DATA SCIENCE MASTERS 2.0

IMPACT BATCH

~~₹ 7,000 /-~~ ₹ 3,500 /-

HINGLISH



What you'll learn

₹3500.00 ~~₹7000.00~~

- Python
- Statistics
- Machine learning
- Deep learning
- Computer vision
- Natural language processing
- Big data
- Apache Spark
- Apache Kafka
- Data Analytics
- PowerBI
- Tableau
- Databases
- Data Science Workflow
- Real Time Data Science Projects

Requirements

- System with minimum i3 processor or better
- At least 4 GB of RAM
- Working internet connection

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Class Details



Batch Name:

IMPACT 2.0



Start Date:

6th May'23



Class Timings:

Weekly Scheduled



Doubt Session:

Live Doubt Session : 3PM – 6PM IST Monday and Saturday

Course Features

- ✓ Data Science Master's certification
- ✓ Self-Paced Learning
- ✓ 50 + hands-on industry real-time projects
- ✓ 200+ hours classes
- ✓ Every week 2 Doubt clearing sessions
- ✓ Every Week Module Test
- ✓ Every week 1 Revision Class
- ✓ 2 Year Dashboard access
- ✓ Course Materials
- ✓ Doubt clearing one-to-one

→ Dedication to learn

Course Curriculum

Week 0 – PYTHON – Course Introduction +

Week 1 – PYTHON – Basic Building +

Week 2 – PYTHON – Data Structures +

Week 3 – PYTHON – Function +

Week 4 – PYTHON – Oops Concepts +

Week 5 – PYTHON – Files & Exception Handling & Memory Management +

Week 6 – PYTHON – Connecting with Databases & APIs +

- ✔ Doubt clearing through mail and support
- ✔ Discord Community
- ✔ Assignments
- ✔ Quiz in every module
- ✔ Live projects with real-time implementation
- ✔ Resume building
- ✔ Career guidance
- ✔ Interview Preparation
- ✔ Mock Interviews
- ✔ Regular assessment
- ✔ Experience Portal Access
- ✔ PWLabs Access
- ✔ 80% Scheduled Classes & 20% Live Classes

Get in touch

Have a query about our courses? Get in touch with us and we will guide you through a new world of redefined learning.



Python Test

+

Week 8 – ML TOOLBOX – Pandas

+

Week 9 – ML TOOLBOX – Numpy & Visualization

+

NUMPY, PANDAS & Visualization Test

+

Week 10 – Statistics – Statistics Basic

+

Week 11 – Statistics – Statistics Advance – 1

+

Week 12 – Statistics – Statistics Advance – 2

+

STATISTICS TEST

+

Week 13 – Machine Learning – Introduction To Machine Learning & Feature Engineering

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- > Ai Vs ML Vs DI Vs Ds
- > Supervised, Unsupervised, Semi-Supervised, Reinforcement Learning

Full Name

Your name...

Email

Your email...

Mobile Number

▼ +91

Submit



- › Train, Test, Validation Split
- › Performance
- › Overfitting, Under Fitting
- › Bias Vs Variance
- › Handling Missing Data
- › Handling Imbalanced Data
- › Up-Sampling
- › Down-Sampling
- › Smote
- › Data Interpolation
- › Handling Outliers
- › Filter Method
- › Wrapper Method
- › Embedded Methods
- › Feature Scaling
- › Standardization
- › Mean Normalization
- › Min-Max Scaling
- › Unit Vector
- › Feature Extraction
- › Pca (Principle Component Analysis)
- › Data Encoding

- › Nominal Encoding
- › One Hot Encoding
- › One Hot Encoding With Multiple Categories
- › Mean Encoding
- › Ordinal Encoding
- › Label Encoding
- › Target Guided Ordinal Encoding
- › Covariance
- › Correlation Check
- › Pearson Correlation Coefficient
- › Spearman’S Rank Correlation

Week 14 – Machine Learning – Exploratory Data Analysis **+**

Week 15 – Machine Learning – Linear Regression & Logistic Regression **+**

Week 16 – Machine Learning – Feature Selection, Decision Tree & SVMS **+**

Week 17 – Machine Learning – Naïve Bayes & Ensemble Techniques **+**



Week 18 – Machine Learning – KNN & Dimensionality Reduction +

Week 19 – Machine Learning – Clustering +

Week 20 – Machine Learning – Anomaly Detection & Time Series +

MACHINE LEARNING TEST +

Week 24 – Deep Learning – Deep Learning Neural Networks & Setup +

DEEP LEARNING TEST +

Week 25 – Computer Vision – Convolution Neural Networks & Architectures +

Week 26 – Computer Vision – Object Detection +

Week 27 – Computer Vision – Image Segmentation +



Week 28 – Computer Vision – Advanced Computer Vision +

COMPUTER VISION TEST +

Week 31 – NLP – NLP Introduction & Text Processing +

Week 32 – NLP – Useful NLP Libraries & Networks +

Week 33 – NLP – Attention Based Model & Transfer Learning In NLP +

NLP TEST +

Week 36 – Big Data – Big Data Introduction, Hadoop & Spark +

Week 37 – Big Data – Spark & Kafka +

BIG DATA TEST +

Week 38 – Data Analytics – Tableau – 1 +



Week 39 – Data Analytics – Tableau – 1 **+**

Week 40 – Data Analytics – Tableau – 1 **+**

Week 41 – Data Analytics – Tableau – 1 **+**

Week 42 – Data Analytics – Tableau – 1 **+**

Week 43 – Data Analytics – Tableau – 1 **+**

Week 44 – Data Analytics – Tableau – 1 **+**

Week 45 – Data Analytics – Tableau – 1 **+**

Week 46 – Data Analytics – Tableau – 1 **+**

Week 47 – Data Analytics – Tableau – 1 **+**

Week 48 – Data Analytics – Tableau – 1 **+**



Week 49 – Data Analytics – Tableau – 1

+

Week 50 – Data Analytics – Tableau – 1

+

Week 51 – Data Analytics – Tableau – 1

+

Week 39 – Data Analytics – Tableau – 2

+

Week 40 – Data Analytics – PowerBI – 1

+

Week 41 – Data Analytics – PowerBI – 2

+

POWER BI & TABLEAU TEST

+

Week 42 – Job Preparation – Resume & Interview Preparation For Jobs

+

Week 43 – Job Preparation – Profile Building & Apply Jobs

+

View Less ^



Course Projects

Week 7 – Projects – Python Project :- Web Scrapping

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- › Web Scrapping Introduction
- › Integration With Web Portal
- › Integration With Rest API, Web Portal and MongoDB
- › Deployment On Web Portal On Aws , Azure , Aws

Week 7 – Projects – Python Project : – Image Scrapper

+

- › Image Scrapping Introduction
- › Image Scrapping Deployment
- › Integration With Rest API, Web Portal and MongoDB
- › Deployment On Web Portal On Aws , Azure , Aws

Week 22 –23 – ML Projects

+

- › Fault Detection in Wafers based on Sensor Data
- › Credit Card Fraud Detection
- › Forest Cover Classification
- › Income Prediction



- › Mushroom Classifier
- › Phishing Classifier
- › Thyroid Detection

Week 29 –30 – Computer Vision Projects



- › Image Classification with SOTA CNNs
- › Vision based Attendance System
- › Sign Language Detection
- › Shredder Systems
- › Image to Text using OCRs

Week 34 –35 – NLP Projects



- › Movie Review using BERT
- › NER using BERT
- › POS Tagging with BERT
- › Question Answering with SQUAD
- › Machine Translation with Transformers



Having 10+ years of experience in Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

Social Links: [in](#) [f](#) [v](#)



Sudhanshu Kumar

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

Social Links: [in](#) [v](#)



Dr. Ayan Debnath

Currently working as Solutions Architect / Senior Data Scientist | PHD. IIT Delhi | Visiting Research Scholar | Harvard University & University of Pennsylvania | Having 5+ years of experience in the field of Data Science

Social Links: [in](#)



Subhodeep Dey

DGM – Lead Data Scientist JIO | AI/ML Advisor to Startups | Ex-UHG | Ex-JnJ | Ex-RIL | Finalist at DSG, Paris | PGDBA, IIM Calcutta, ISI Kolkata & IIT KGP | 4+ years of teaching experience

Social Links: 



Rishab Malhotra

Currently working as Senior Data Scientist with JIO AI-COE | Ex – Senior Data Scientist at KLAIM.AI & Apollo mUnich Health Insurance Company Ltd | 4+ years of teaching experience | Top-notch Educator for Data Science & Natural language Processing

Social Links: 





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