

Pro
Data
Analytics

MASTER PROGRAM **60 DAYS**

OUR ALUMNI WORK AT



WE'RE NOW
LinkedIn
TOP STARTUP 2023



WHO WE ARE?

The Starting Point to a Successful Career

We help undergrad and post grad students struggling to get industrial experience with our Training + Internship programs which help them to become corporate-ready individuals and possess the skillset to take on any challenges without any self-doubt.

TAKE THE **RIGHT TURN**, WITH US.



PRO DATA
ANALYTICS

WHAT MAKES US UNIQUE!



Live Mentorship



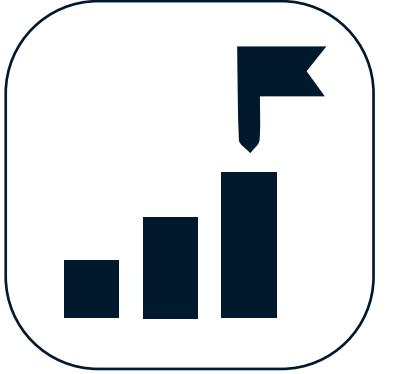
Regular Evaluation



Multiple Domains



Placement Assistance



Challenge Based Training



PRO DATA
ANALYTICS

MASTER PROGRAM CURRICULUM

6 SESSIONS

Session 1

- Introduction to Programming
- Decision Trees & Control
- Binary Number System
- Strings
- Arithmetic Operators
- Loops

Session 2

- Programming Constructs
- Functions
- Recursions
- Pointers
- Structures
- Unions
- Dynamic Arrays
- Asymptotic Notations



PRO DATA
ANALYTICS

PRO DATA ANALYTICS



Session 3

- Problem Solving & CS Fundamentals
- Time Complexity
- Arrays & Strings
- Binary Search & 2 Pointers
- Recursion, Hashing & Sorting
- Bit Manipulation
- Stacks, Queues & Linked Lists
- Trees, Tries, Heap & Greedy
- DP, Graphs
- DB, OS & Computer Networks

Session 4

- Statistical Analysis & Data Analytics
- Python, Jupyter, Numpy, Pandas
- Git, Linux Terminal, File I/O
- Statistics, Probability, Linear Algebra
- Distributions, Sampling, Hypothesis Testing
- Databases, SQL, Index, Partition, Schema
- Web API, Scraping, Automation, Flask

PRO DATA ANALYTICS

Session 5

- Data Science & Machine Learning
- EDA, Data wrangling, Feature Engineering
- Supervised & Unsupervised Models
- Ensembling
- Factor Analysis
- Predictive Modelling & Forecasting
- Recommender System

Session 6

- ML Engineering - Deep Learning & Big Data
- Keras, TensorFlow, PyTorch
- Neural Networks, Computer Vision, NLP
- Reinforcement Learning
- Research Papers in Deep Learning
- Warehouse - AWS S3, HDFS, HBase, NoSQL
- Ingestion - Kafka
- Analysis - PySpark, YARN, Airflow, Hive



Career Counselling

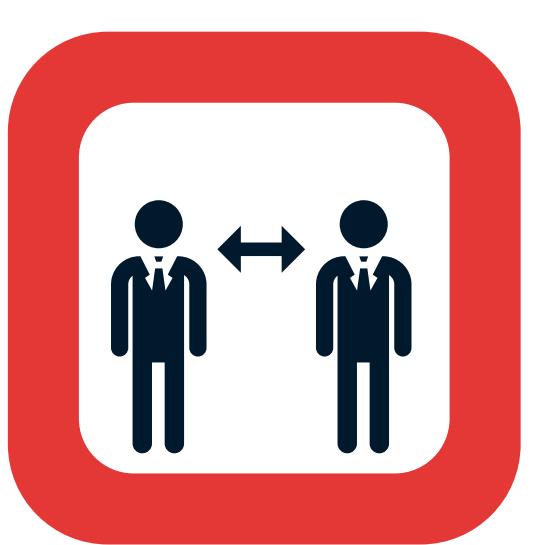
- Expert counseling is a specific consultation service that helps people in making perfect career choices by using their skills and abilities.
- With Teachnook career counseling you will be able to explore various opportunities you have never thought about and you will be given complete guidance in the below mentioned areas.



Personalised support



1:1 career counselling to help land your dream job



Get counselled by industry experts



Networking opportunities



Tailored career paths



Access to Industry insights

OUR AUTHORIZED CERTIFICATION PARTNERS



ADOBE



MICROSOFT



QUICKBOOKS



AUTODESK



PRO DATA
ANALYTICS

DONT HESITATE TO CONTACT US...



www.teachnook.com



6363433634 | 6363091233



support@teachnook.com

Follow us



PRO DATA
ANALYTICS