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Data
Science
Curriculum

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WHAT YOU WILL LEARN

- Python

- Stats

- Excel

- SQL

- Machine Learning

- Power BI

- Data analytics

- Real Time Projects

- Architecture

- Domain wise project

- Databases

- Negotiations skills

- Mock Interview

- Interview Preparation

- Resume building after every module

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Module 1 : Python Fundamentals

- **Python Basic**

- **String,List,Indexing**

- **Tuple, Set & Dict**

- **If, Else & For Loop**

- **For Loops & While loops**

- **Python Program Discussion in loops**

- **Function Part - 1**

- **Function Part - 2**

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Module 2 : Advanced Python

- Iterator Generator & File system

- Exception handling Class 1 part 1

- Exception handling Class 1 part 2

- Exception handling Class 2

- Module & Packages

- OOPS Part 1

- OOPS Part 2

- OOPS Concepts - Polymorphism

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Module 3 : Working With Databases & Python

- SQL Part 1

- SQL Part 2

- OOPS Discussion

- Introduction to MongoDB

- Working with python & mongoDB Part 1

- Working with python & MongoDB Part 2

- SQL lite, map, reduce, filter, zip

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Module 4 : Working With Pandas & Numpy

- **Introduction to Pandas**

- **Working with Pandas**

- **Pandas Data Analysis Part 1**

- **Pandas Data Analysis Part 2**

- **Pandas and Numpy**

- **Numpy methods**

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Module 5 : Working With Graphs & Charts

- Introduction to Graphs & Charts

- Working with Graphs in Python

Module 6 : Statistics

- Introduction to Stats - Day 1

- Stats - Day 2

- Extra doubt session

- Stats - Day 3

- Stats - Day 4

- Stats - Day 5

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Module 7 : Machine Learning

- Linear Regression

- Ridge Lasso Regression,Elastic & Logistic Regression

- Naive Bayes Algorithm and practical implementation of Rigde Lasso and logistic Regression

- Logistic practical,SSVM,SVR

- Decision Tree Classification

- Random forest & SVM

- Adaboost

- Gradient Boosting

- Clustering

- Introduction to Machine learning

- Linear Regression

- Linear Regression live coding demonstration part - 1

- Linear Regression live coding demonstration part - 2

- Project Admission prediction, Lasso, Ridge & Elastic Net

- Project deployment in Heroku,Azure & AWS

- logistic Regression

Module 7 : Machine Learning

- Logistic Regression implementation

- Decision Tree

- Decision Tree Part 2, Ensemble Tech,Random Forest & Boosting

- KNN and SVM

- Decision Tree Practical Implementation

- Decision Tree Live Coding & Grid Search

- Grid Search, Bagging Classifier & Random Forest

- KNN,SVC, SVR & Stacking

- Clustering

- Clustering and PCA

- PCA Practical, DBSCAN and Naive Bayes

- XG Boost, NLTK & TF-IDF

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Module 8 : Basic Charts in Power BI

- 2.0 Basic Charts in Power BI Desktop

- 2.1 Column Chart in Power BI

- 2.2 Stacked Column Chart in Power BI

- 2.3 Pie Chart in Power BI

- 2.4 Donut Chart in Power BI

- 2.5 Funnel Chart in Power BI

- 2.6 Ribbon Chart

- 2.7 Include and Exclide

- 2.8 Export data from Visual

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Module 9 : Tables and Matrix in Power BI

- 4.0 Table and Matrix in Power BI

- 4.1 Creating a Table in Power BI

- 4.2 Formatting a Table

- 4.3 Conditional Formatting in Table

- 4.4 Aggregation in Table

- 4.5 Matrix in Power BI

- 4.6 Conditional Formatting in Matrix

- 4.7 Hierarchies in Matrix

- 4.8 Sub-Total and Total in Matrix

- 4.9 Number Formatting in Table

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Module 10 : SQL

- Database Architecture

- Introduction to SQL

- Constraints

- Data Definition Language (DDL)

- Data Manipulation Language (DML)

- Joins

- Imports Export

- Aggregate Functions

- Order by, Having & Limit Clause

- String Functions

- Datetime functions

- Understanding Regular Expressions

- Nested Queries

- Views

- Stored Procedures
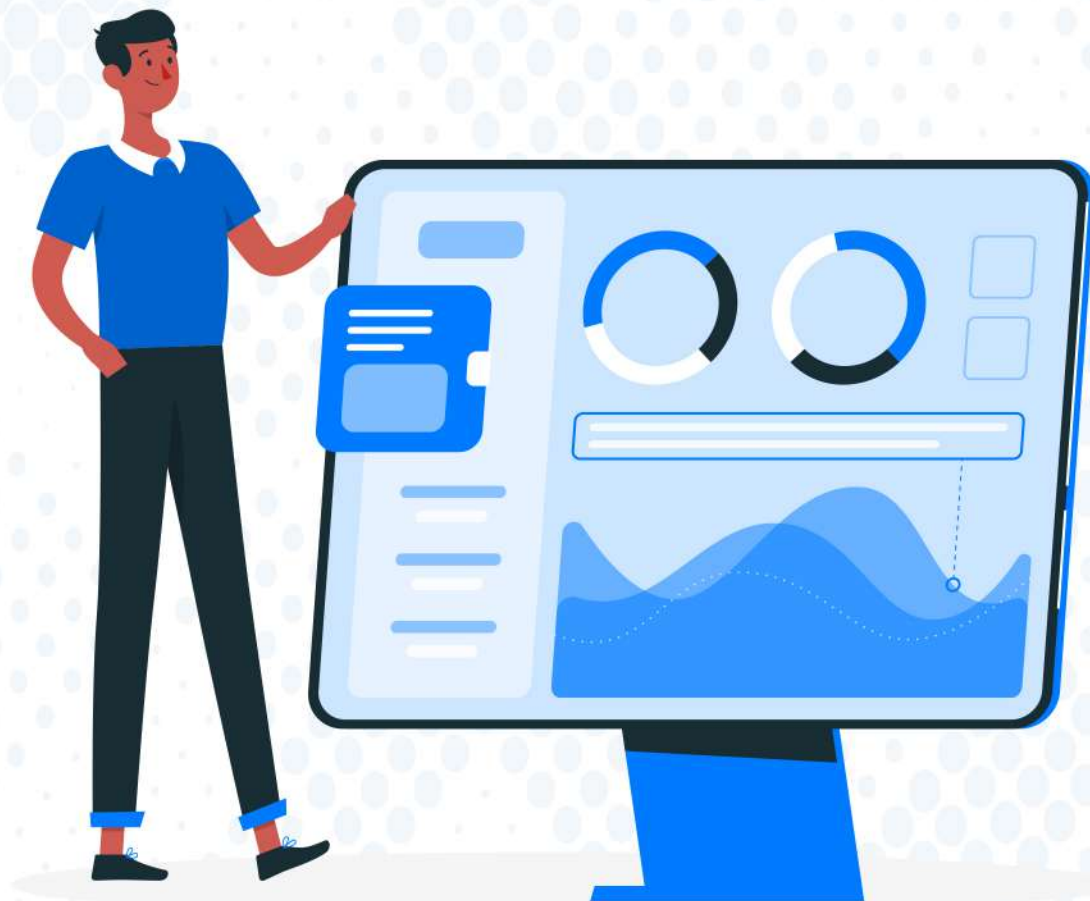
- WindowsFn

- Python-SQL Connectivity

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Module 11 : Excel

- **introduction to Excel**

- **Pre-defined Functions**

- **Datetime Functions**

- **String Functions**

- **Mathematical Functions**

- **Lookup**

- **Logical & Error Functions**

Module 12 : Data Analyst Projects

Data Science caps projects will give you an opportunity to implement the skills you learned in the Data Science training program With dedicated mentoring sessions, you'll know how to solve a real industry-aligned problem. The project is the final step in the learning path and will help you to showcase your expertise to employers.

Module 13 : Career Blueprint

- How to develop a plan for a successful and amazing career in Data Science

- How to get Freelancing Gigs as a Data Scientist

- Global opportunities for Nigerians to relocate and work in the UK,US,Canada and other western countries.

- CV Revamp and Linkedin Optimisation

- Interview prep and Coaching

- How to get Remote job Roles as a Data Scientist

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CLASS SCHEDULE

ONLINE (6 MONTHS)-MONDAYS & FRIDAYS 7PM - 9PM

- 48 LIVE CLASSES IN 6 MONTH WITH ACCESS TO PRE-RECORDED VIDEOS

- ACCESS TO REPLAY OF LIVE CLASSES

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PAYMENT PLAN
Our Fees

350,000 Naira (PROMO PRICE)

ACCOUNT TO PAY INTO

PROVIDUS BANK

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Thank You

For Choosing Us

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filling station off Yaya Abatan Ogba,Lagos

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