



Datascience **Specialization** Program

About The Program:

REGex Software Services's "DataScience Specialization" program is a valuable resource for beginners and experts. This program will introduce you to Machine Learning, Deep Learning, Docker, Kubernetes, Hadoop, Spark, Map Reduce, Ansible, Power BI etc. from Basics to Advance.

If you want to become Data Scientist, REGex introduce this program for you.

Mode:

Physical (Jaipur) or
Online (Google Meet)

Duration:

10 Months

Weekly Duration:

20 Hours Per
week

Participants:

30 per Batch

What you will Learn



Python



Machine Learning



Deep Learning



Database



Power BI



Hadoop



Apache Spark



Ansible



Docker



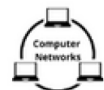
Kubernetes



AWS



OS



CN





🕒 Study Material:

- E-Notes
- Assignments & Poll test
- 450+ hours on demand Live Video Lectures
- Access of Recordings & Study Material
- Mentorship Support
- Work on multiple Minor Projects & Use Cases
- Work on Live Projects

🕒 Output:

- Able to think out of the box
- Become expert in multiple technology domains like: Python, Machine Learning, Deep Learning, Hadoop, Map Reduce, Apache Spark, Ansible, Docker, Kubernetes and AWS(for deployment)
- Understand working of ML models deployment with AWS
- Build projects on multiple technology domains
- Work on more than 25 Use CASES & Projects
- Learn to deploy your models on AWS Sagemaker or Google cloud Platform

• Live Sessions

Live Sessions by Expertise Trainers and Access of Recorded Session is also available

• Live Projects

Get a chance to work on Industry Oriented Projects to implement your learning

• 24*7 Support

24*7 Mentorship Support available for all Students to clear all of your doubts

• Opportunities

REGex provides Internship / Job opportunities to the best Students in different Companies.

Placement Opportunities in Companies

You can get Internship/Training Opportunities to get placed in HP, DELL, Honeywell, Rightpoint, Frontdoor, Fractal and many more according to your performance.

Package Offered So Far:

• Minimum Package	• Average Package	• Highest Package
5 LPA	8 - 10 LPA	32 LPA

Placement Process:

- We'll train you from first week and TEAM will analyze your performance according to your Assignments & projects.
- It's compulsory to complete 75 – 80% assignments and tests to get Placement Opportunities.
- You will work on different projects with your team with Mentorship Support.
- After Completion of 6.5th – 7th month, TEAM will guide you about resume making and Team will take your resumes and analyze it accordingly.
- After this process you will get details about the further process of exam according to your performance and company's requirement.
- You will get Opportunities back to back from REGex End via a mail according to your performance.
- **Important Note:** This is Placement Assured program and you will get 6 month more assistance after completion of the program. If you will successfully completed the program and still didn't get placed within 6 months after completion then you will get 100% Fee refund with 9% interest from REGex.

Our Students Placed // Partnership



COURSE CONTENT:

Python

- Introduction to Python
- Basic Python Syntax
- Control Structures
- Data Structures
- Functions and Modules
- File Handling
- Object-Oriented Programming (OOP)
- Exception Handling
- Advanced Topics
- Best Practices and Coding Guidelines
- Practical Projects
- Python Ecosystem
- Python in the Real World

Machine Learning

- Introduction
- Data Cleaning & Munging with – Python
- Understanding all concepts of ML
- Supervised & Unsupervised Learning
- Simple Linear Regression
- Multiple Linear Regression Intuition
- What is Regression with its use cases
- Classification
- Dimension Reduction & Feature Selection
- Evaluating Classification Models Performance
- K-Mean Clustering
- Reinforcement Learning

Deep Learning

- NLP
- Understanding about Deep Learning
- Deep Dive with ANN
- Mathematics Operations
- Detailed Statistics
- More Mathematics Concepts

Computer Vision

- Computer Vision & Open CV
- Advance Computer Vision
- Advance NLP
- TensorFlow / Keras

Database

- SQL / NoSQL

Power BI

- Introducing Microsoft Power BI
- Connecting & Shaping Data with Power BI Desktop
- Creating Table Relationship & Data Models
- Analyzing Data with DAX Calculations in Power BI
- Functions
- Visualizing Data with Power BI Reports

Big Data Tools

- General concept of Data Warehouse
- Dimensional modeling
- BigData Overview
- Hadoop (HDFS)
- Hadoop 2.0 & Yarn
- Map Reduce
- Sqoop
- Hive Programming
- Scala
- Spark
- SPARK with SQL & Spark Streaming
- DataFrame
- Introduction to HBASE
- Talend

DevOps

- Ansible
- Docker
- Kubernetes

AWS (For Deployment)

- AWS Sagemaker
- Capstone Projects & Use Cases

DBMS

- Database Management System

Operating System

- Operating System

Computer Networks

- Computer Networks

[Note] **Content may Subject to Change by REGex as per Requirement**

Extra Sessions

Additional Session on GIT, Linux, Docker, AWS Basics, Jenkins and many more for all students.

KEY FEATURES & CASHBACK POLICY:

Key Features

- No Previous Knowledge Required
- Get Internship Project Completion Certificate
- Live & Interactive Sessions
- 1 to 1 Mentorship Support
- Physical/Online Sessions
- Need to Spend Min. 5 hours at REGex Premises
- Get Letter of Recommendation (LOR) from REGex
- Learn from Developers
- 100% Placement Assurance
- Min. Assured Package: 4 LPA*

Cashback Policy

- Your friend will get upto **5% discount** with your code and you will also get cashback for each paid referral.



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