VIRAJE TECH

CERTIFIED AWS

PROGRAM BROCHURE

aws

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VIRAJETECH
E - Learning Platform

WHY VIRAJETECH?

"OUR VISION"

To be the safest, most progressive Technology Provider, relentless in the pursuit of Client and employee excellence

The Best Placement records in the Industry virajetech Placement Team assisted thousands of aspirants in transitioning to Data Science career

EXPERT TRAINERS

10+year experianced and Industry Experts

Elite Faculty from Prestigious universities with deep research and coaching expertise

JOB ASSISTANCE

End to End job Support

Personalized resume and interview preparation support Job updates and connects

COMPREHENSIVE

30 hours & 700+ Learning Hrs.
Syllabus aligned with virajetech standards and rigorously updated to match with latest industry requirements

REALTIME EXPERIENCE

Projects and Internships
20 capstone projects and 1 client projects with active interaction Internship -developing POCs

PROGRAM STRUCTURE

THE COURSE FOR BEGINNER's PROFESSIONALS AND INTERMEDIATE LEARNERS

IN THE FIELD OF

AWS THIS IS A CAREER- ORIENTED PROGRAM, DESIGNED TO IMPART A

STRONG FOUNDATION

- **PRE COURSE SELF-STUDY**

- **HIGH QUALITY VIDEOS WITH**

EASY LEARNING APPROACH.

CERTIFICATIONS

- **JOB READY PROGRAM**

- **LIVE TRAINING**

- **20 HOUR A WEEK**

- **2-MONTH DURATION**

- COMPREHENSIVE SYLLABUS

- **HANDS-ON PROJECTS**

- **EXPERT TRAINERS AND MENTORS**

AWS Machine Learning

WHY AWS?

AWS certifications are highly valued in the IT industry due to Amazon Web Services being a leading cloud services provider. These certifications validate expertise in specific areas such as cloud architecture, development, operations, and security, providing a globally recognized benchmark for employers. With the increasing shift towards cloud infrastructure, proficiency in AWS has become a crucial skill set. The structured nature of AWS certification courses ensures individuals gain hands-on experience and in- depth knowledge, making them stand out in a competitive job market. As the IT industry continues to evolve, AWS certifications offer professionals a clear pathway to acquiring specialized skills aligned with industry best practices, making them an integral part of career development.

AWS Machine Learning

1.Data Engineering

- *Data Repositories for ML*
- *Identify and implement a data-ingestion solution*
- *Identify and implement a data-transformation solution*
- *Amazon S3 Storage Classes + Glacier*
- *Amazon S3 Lifecycle Rules (with S3 Analytics)*
- *Kinesis Data Streams & Kinesis Data Firehose*
- *AWS Data Stores in Machine Learning*
- *AWS Data Pipelines*
- *AWS Batch*
- *AWS DMS - Database Migration Services*
- *Full Data Engineering Pipelines*

2.Exploratory Data Analysis

- *Data Repositories for ML*
- *Identify and implement a data-ingestion solution*
- *Identify and implement a data-transformation solution*
- *Amazon S3 Storage Classes + Glacier*
- *Amazon S3 Lifecycle Rules (with S3 Analytics)*
- *Kinesis Data Streams & Kinesis Data Firehose*
- *AWS Data Stores in Machine Learning*
- *AWS Data Pipelines*
- *AWS Batch*
- *AWS DMS - Database Migration Services*
- *Full Data Engineering Pipelines*

3. General Deep Learning and Machine Learning

- *Introduction to Deep Learning*
- *Activation Functions*
- *Convolutional Neural Networks*
- *Recurrent Neural Networks*
- *Modern NLP with BERT and GPT, and Transfer Learning*
- *Deep Learning on EC2 and EMR*
- *Regularization Techniques for Neural Networks (Dropout, Early Stopping)*
- *L1 and L2 Regularization*
- *Grief with Gradients: The Vanishing Gradient problem*
- *The Confusion Matrix*
- *Precision, Recall, F1, AUC, and more*
- *Ensemble Methods: Bagging and Boosting*

4. Training and Evaluating the Model

- *Frame business problems as ML problems*
- *Algorithms for Training the Model*
- *Evaluating the Model*
- *Hyperparameter Tuning*
- *Training and Evaluating the Model in SageMaker Studio*
- *Select the appropriate model(s) for a given ML problem*
- *Train ML models*
- *Perform hyperparameter optimization*
- *Evaluate ML model*

5.Identifying Opportunities for Machine Learning

- *Overview and Terminology*
- *A Closer Look at Machine Learning*
- *Deep Learning in a Nutshell*
- *Common Use Cases for Machine Learning*

6.Defining Machine Learning Problems

- *Solving Problems with Machine Learning*
- *Types of Machine Learning Problems*
- *Defining the Machine Learning Problem*
- *Scenario: Applying the Concepts*

7.Fetching and Preparing Data

- *Overview of the Machine Learning Process*
- *Fetching Data*
- *Cleaning Data*
- *Data Visualization and Analysis*
- *Feature Engineering*
- *Fetching and Preparing Data in SageMaker Studio*

8.Deploying and Monitoring the Model

- *Deploying the Model*
- *Monitoring and Collecting Data*
- *Deploying and Monitoring the Model in SageMaker Studio*

9.The AWS Machine Learning Stack

- *The AWS Machine Learning Stack*
- *Artificial Intelligence Services*
- *Machine Learning Services*
- *Machine Learning Frameworks and Infrastructure*

10.ML Implementation and Operations

- *Build ML solutions for performance, availability, scalability, resiliency, and fault tolerance*
- *Recommend and implement the appropriate ML services and features for a given problem*
- *Apply basic AWS security practices to ML solutions*
- *Deploy and operationalize ML solutions*
- *Encryption at Rest and In Transi*
- *Update AWS deprecating Elastic Inference.*

INTERNSHIP

Explore valuable internship opportunities with us! Join a dynamic and innovative environment, collaborate on real-world projects, and enhance your skills. We're seeking motivated individuals with a passion for learning and strong communication skills. This internship offers hands-on experience, exposure to industry best practices, and potential career pathways.

VIRAJETECH EXPERTISE CLASS

PLACEMENT ASSISTANCE TEAM

PROJECT MENTORING

100 hours Mentoring in projects live industry

INTERVIEW QUESTIONS

Frequently asked interview questions course included

DOUBTS SESSIONS

Twice a week, Live doubts session from mentors and experts

RESUME SUPPORT

Personalized resume creation support from professionals

ALUMINI CONNECT

Connect with successful Alumni to learn from experience

JOB COUNSELLING

Mapping your profile to suitable job role

PLACEMENT ASSISTANCE

KANTAR

IQVIA

genpact

Capgemini

cognizant

SymphonyAI

SagasIT Analytics

amazon

EXAMROOM.AI

Affine
Data › Insights › Transformation

accenture

SUTHERLAND

TATA
TATA CONSULTANCY SERVICES

Mercedes-Benz

HCL

OUR LEARNER's FEED BACK

HIGHEST LEVEL OF CUSTOMER DELIGHT

r ruchi s
1 review · 3 photos
★★★★★ 3 months ago

VirajeTech has been a game-changer for me. Their training courses have provided me with the skills I needed to excel in my career 4X. The instructors and Arjun sir are passionate about what they do, and it shows in their teaching. Hands on and practical way of teaching, I highly recommend VirajeTech to anyone looking to further their knowledge and skills

A Anoop G
6 reviews
★★★★★ 3 months ago

Getting placed at Amency was a dream come true, and I owe a big thank you to VirajeTech for making it possible. The instructors were experts in their field, and they created a supportive learning environment. The hands-on approach and practical exercises made all the difference.

S Sachidanand Shahane
3 reviews
★★★★★ 7 months ago

I am part of the AWS Associate master Class. The course was designed in a fashion that we are able to cover most of the content in a very short time. our trainer Kumar sir clarified any doubt we had and also pushed us to do the practicals which is really helpful in the learning process. Hi having vast knowledge and experience in Devops and Multi cloud platform(AWS,Azure,GCP),he provide the opportunity to get as much knowledge and guidance as possible. each session are interactive has real time use cases.

Sayali Gawde
2 reviews
★★★★☆ a year ago

Thanks for the AWS tutoring by Virajtech. The best decision I have taken in my career so far. Instructor was very helpful and gave all possible solutions related to the problem which we faced in real time scenarios. This is what I have experienced in this course, a very practical and beneficial one.

Piyush Poply
2 reviews
★★★★★ 3 years ago

I am connected with this organization since its inception. This is one of the best places to learn, practice and grow your skills up to the standards of the industry. As in IT industry, maintaining your skills and updating yourself is the most important thing, we should never stop learning and this is exactly what this institute provides. The online classes are really great as well as the trainers.

H Harpreet Singh
12 reviews
★★★★★ 7 months ago

Give very detailed explanation and also live teaching classes. Covering all latest topics which for sure help in getting jobs in today's market

VIRAJETECH
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ADMISSIONS AND CONTACTS

ENQUIRE FOR DETAILED INFORMATION FOR ENROLLMENT
DURATION:35 HOURS
LEARNING : ONLINE MODE

b 1st floor, 64, 3rd Cross Rd, Electronics City
Phase 1, Electronic City, Bengaluru, Karnataka
560100
PHN NO:8618501719

8 HRS/WEEK

8 HRS/WEEK

4 HRS/WEEK

SELF STUDY   +   INSTRUCTOR LED LIVE ONLINE LEARNING   +   PROJECTS & ASSESSMENTS

20 HOURS A WEEK COMMIMENT

AWS *IS RATED AS* **THE TOP CAREER**
HIGHEST PAID –RECESSION PROOF –MILLIONS OF JOBS

TAKE YOUR FIRST STEP TOWARDS AWS CAREER

ENQUIRE NOW

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THANK you

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