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CERTIFIED MLOps

PROGRAM BROCHURE



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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 ML Ops career



EXPERT TRAINERS

10+year experianced and

Industry Experts

Elite Faculty from Prestigious universities with deep research and coaching expertise



COMPREHENSIVE

30 hours & 700+ Learning Hrs.

Syllabus aligned with virajetech standards and rigorously updated to match with latest industry requirements

JOB ASSISTANCE

End to End job Support

Personalized resume and interview preparation support Job updates and connects

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 MLOps

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





WHY MLOps?



Machine Learning Operations (MLOps) is indispensable for the IT industry as it streamlines the deployment and management of machine learning models. It ensures a seamless integration of ML into existing workflows, enhancing collaboration between data scientists and IT professionals. MLOps enables efficient model monitoring, updates, and scalability, contributing to sustained model performance. With the dynamic nature of ML models, MLOps facilitates version control and reproducibility, crucial for maintaining consistency in model outputs. It also addresses challenges like model drift and aids in the optimization of resources, making it an integral component for successful and sustainable machine learning implementations in the IT sector.



1.MLOps introduction

- *What is MLOps?*
- *MLOps Motivation*
- *MLOps challenges*
- *MLOps challenges similar to DevOps*
- *MLOps Components*
- *Automated ML pipelines vs CI/CD ML pipelines*
- *Different Roles involved in MLOps (ML Engineering + Operations)*
- *Machine Learning Life Cycle*
- *MLOps Vs DevOps*
- *Different tools for MLOps*
- *Benefits Of AWS MLOps*

2.MLOps for LLM's(LLMOps)

- *MLOps for LLM's*
- *LLM System Design*
- *High-level view LLM-driven application*
- *LLMOps Pipeline*

3.MLOps & Stages

- *Versioning*
- *Testing*
- *Automation (CI/CD)*
- *Reproducibility*
- *Deployment*
- *Monitoring*

4.AWS SageMaker Hands-on

- *Introduction to Amazon SageMaker*
- *Using Amazon S3 along with SageMaker*
- *Amazon SageMaker Notebooks and SDK*
- *Notebook instance type, IAM Role & VPC*
- *Build, Train & deploy ML Model using XGBoost*
- *Endpoint & Endpoint configurations*
- *Generate inference from deployed model*

5.CI/CD for MLOps Hands-on

- *AWS CodeCommit*
- *AWS CodePipeline*
- *AWS CodeBuild*

6.Sagemaker Studio tools

- *Introduction Sagemaker pipelines*
- *Containers for Amazon SageMaker*
- *AWS MLOps - ML Model Monitoring*
- *AWS MLOps - Amazon Sagemaker Feature Store*
- *AWS MLOps - Post-Deployment Challenges*

7.AWS MLOps - Build, Train

- *SageMaker Studio & SageMaker domain*
- *SageMaker Projects*
- *Repositories*
- *Pipelines & Graphs*
- *Experiments*
- *Model groups*
- *Endpoints*

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



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

ALUMNI 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
CONSULTANCY SERVICES



Mercedes-Benz

HCL

OUR LEARNER's FEED BACK

HIGHEST LEVEL OF CUSTOMER DELIGHT

 **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

 **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.

 **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.

 **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

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 COMMITMENT



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



TAKE YOUR FIRST STEP TOWARDS ML Ops CAREER

ENQUIRE NOW

THANK you



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