Masterclass

Machine Learning Operations (MLOps)

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6:30 PM - 11 PM IST
8:00 AM - 12:30 PM EST
2:00 PM - 6:30 PM CET

May

✓ 27th Sat & 28th Sun

aws

MLOps

ONLINE

MASTERCLASS

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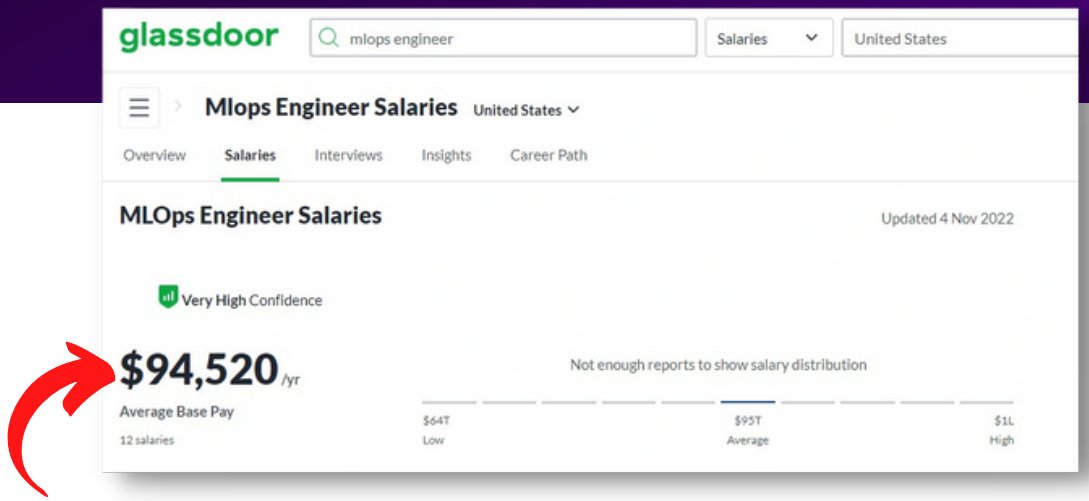
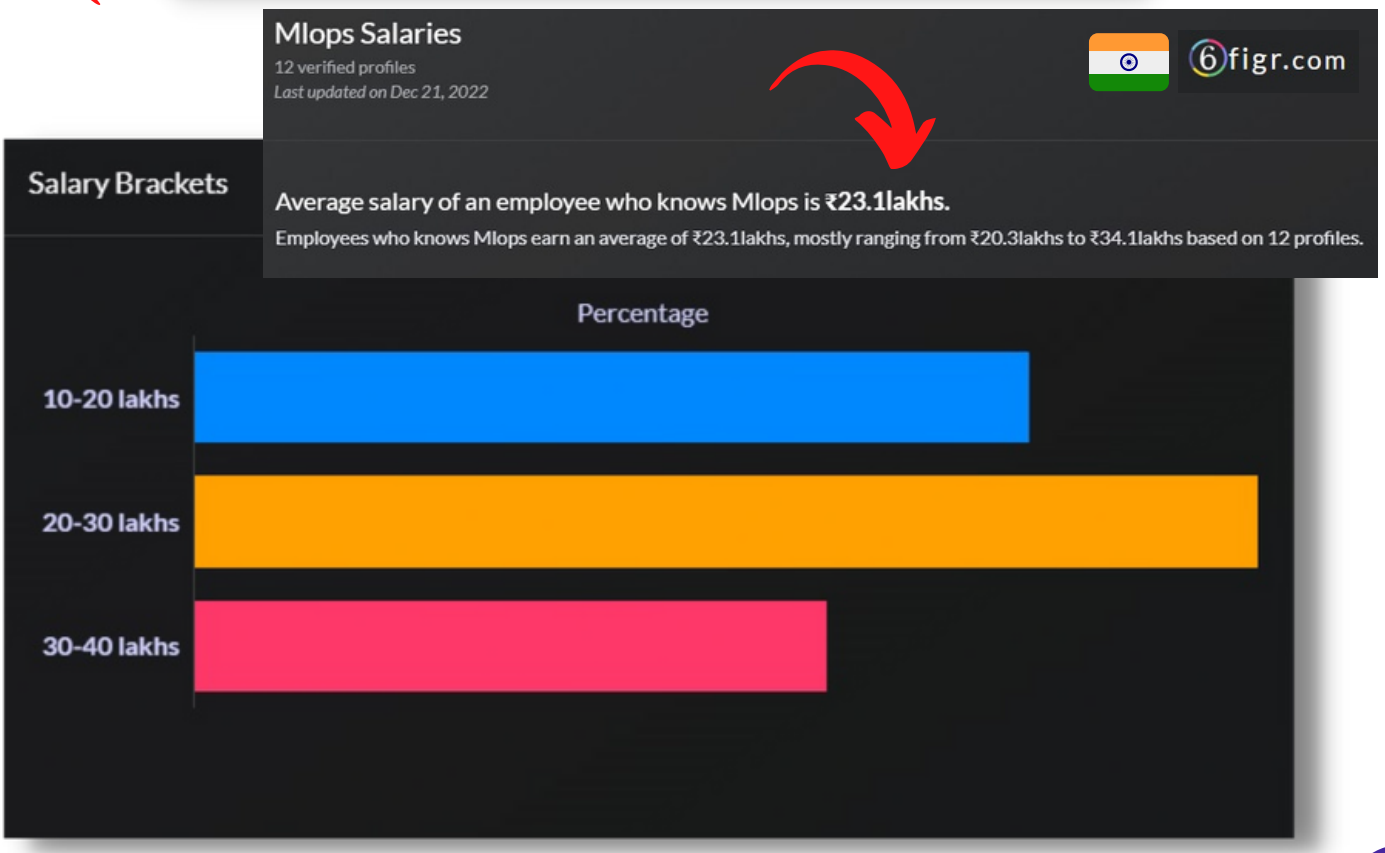
SPECIALIZATION COURSE

Machine Learning Operations

Hottest Job of 21st Century

Machine learning and artificial intelligence is a field that drives major innovations across different industries. It is predicted that in 2023, the AI market will reach $500 billion, and in 2030, $1,597.1 billion in size. This means that machine learning technologies will continue to be in high demand in the near future.





About us

5000+Trained

100+ Workshops & courses

100+ Countries' Learners

Who is Psitron Technologies ? Why should you care?

About Psitron Technologies:

Psitron Technologies is an IoT and AI company. Our mission at Psitron is to connect the world with innovative technologies. Psitron has responsibility for developing innovative innovations for addressing current problems in industries, especially focusing on industry 4.0 solutions.

Supported By

विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

PSG STEP

NIDHI BY DST
Entrepreneur-in-Residence
Powered by Venture Center

Awards/ Honour

F.K.C.C.I BANGALORE
Estd. 1916

FKCCI Bangalore best Startup award 2018

LIVING TALENT

Living Talent, Dubai finalist of international level innovation competition 2018

HILTI

HILTI International innovation competition finalist.

aws activate

Psitron is supported by AWS activate program

unlimit
POWERED BY RELIANCE

IoT interThrone winner

About Program

Looking for getting started with Hands-on **Machine Learning Operations (MLOps)** with a real-time project, then you've come to the right place. As per the market survey, 2023 is the year of MLOps and would become the mandate skill set for Enterprise ML projects.

Corporates have been experimenting with machine learning models for a long time, 85% of Machine Learning projects do not reach production. In addition, the MLOps have exponentially grown in the last few years. MLOps was estimated at $23.2 billion for 2019 and is projected to reach $126 billion by 2025. Therefore, MLOps knowledge will give you numerous professional opportunities helps organizations to bring in real business value

Key Highlights

- **10 Hours** of Live sessions from Industrial Experts
- **15+** Live Hands-on Labs
- **2 Real-time** industrial projects
- One-on-One Debugging with Industry Mentors

Program Pedagogy

Instructor led Training
Get trained by top industry experts

Community support
Speak to community anytime and clarify your queries instantly.

Projects and Exercises
Get real-world experience through Projects

Live Hands-on
Hands-on exercises, project work, quizzes, and capstone projects

Peer Networking and Group Learning
Improve your professional network and learn from peers through our innovative Peer WhatsApp & community groups.

Who Can Apply for the Masterclass??

- Data Scientists
- Data engineers & Data Analysts
- Research/Applied Scientists
- ML engineers
- DevOps engineers
- Aspiring MLOps Professionals and Enthusiasts
- Machine Learning professionals who want to deploy models to production
- Anyone who wants to learn AWS, DVC, Feast, MLFlow etc
- Individuals interested in the data and the AI industry

Schedule 27th & 28th May

27th Live Hands-on Session

28th Live Hands-on Session

29th Access to recordings

30th Debugging Session (Optional)

31st Debugging Session (Optional)

Curriculum

27th May
6:30 PM to 11 PM

Machine Learning Operations(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

Getting started with AWS for Machine Learning

- Tour of AWS cloud platform *[Hands-on]*
- The AWS ML Stack
- AWS SageMaker
- AWS AI services

Amazon S3

- Amazon S3 introduction
- Amazon S3 for Machine Learning *[Hands-on]*
- Creating your first S3 Bucket *[Hands-on]*
- Storage Class in Amazon S3
- S3 Lifecycle, S3 Encryption & S3 Security

AWS SageMaker

- Introduction to Amazon Sagemaker
- Using Amazon S3 along with Sagemaker *[Hands-on]*
- Built-in algorithms
- Amazon Elastic Container Service (Amazon ECS)
- Amazon SageMaker Notebooks and SDK *[Hands-on]*
- Notebook instance type, IAM Role & VPC *[Hands-on]*
- Build, Train & deploy ML Model using TensorFlow *[Hands-on]*
- Endpoint & Endpoint configurations *[Hands-on]*
- Generate inference from deployed model *[Hands-on]*

28th May
6:30 PM to 11 PM

CI/CD Tools in AWS

- AWS CodeCommit *[Hands-on]*
- AWS CodePipeline*[Hands-on]*
- *AWS CodeBuild [Hands-on]*

Sagemaker Studio tools

- Introduction Sagemaker pipelines
- Containers for Amazon SageMaker
- AWS MLOps – ML Model Monitoring *[Hands-on]*
- AWS MLOps – Amazon Sagemaker Feature Store
- AWS MLOps – Post-Deployment Challenges

AWS MLOps - Build, Train & deploy ML Model

- SageMaker Studio & SageMaker domain *[Hands-on]*
- SageMaker Projects *[Hands-on]*
- Repositories *[Hands-on]*
- Pipelines & Graphs *[Hands-on]*
- Experiments *[Hands-on]*
- Model groups *[Hands-on]*
- Endpoints *[Hands-on]*

Tools to Master

aws

Amazon SageMaker

Amazon S3

AWS CodeCommit

AWS CodeDeploy

AWS CodePipeline

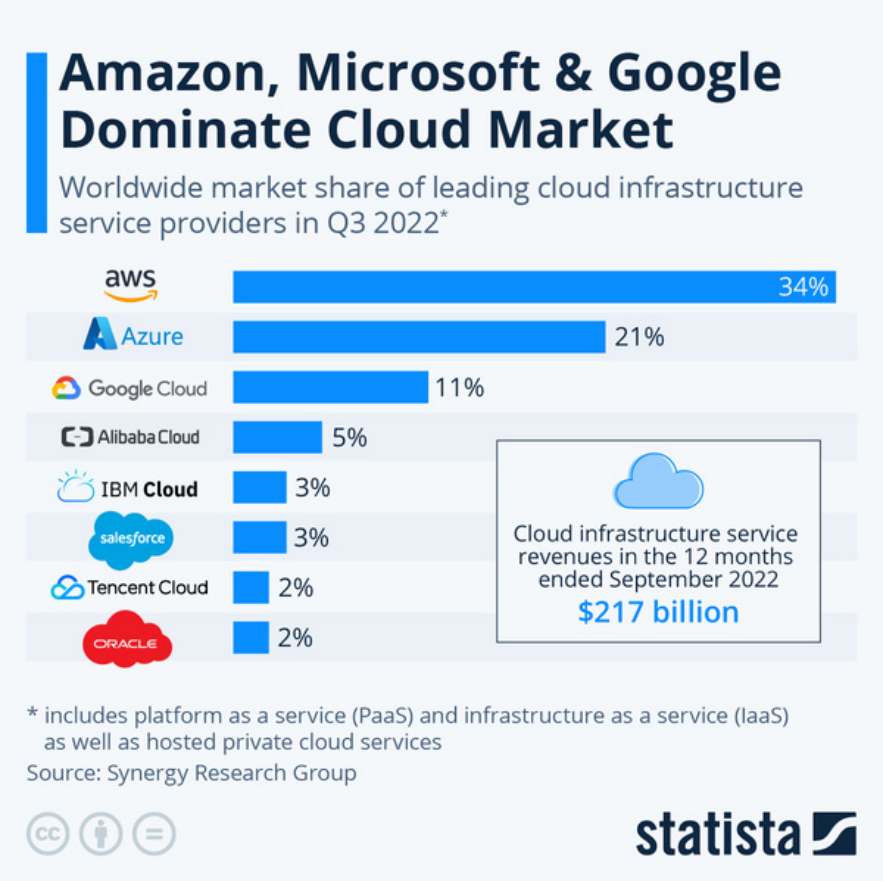
CI/CD Tools for ML

amazon SageMaker Studio Lab

IAM

mlflow

Why Cloud ?



Program Fee

aws MLOps ONLINE MASTERCLASS

~~₹ 5,999/-~~

₹ 2,999/-

Per Person

Indian participants

- ✔Live Sessions
- ✔Access to recordings
- ✔Debugging Session
- ✔Access to Masterclass materials
- ✔Community support
- ✔10% OFF for **MLOps specialization course**
- ✔FREE resources
  - Access to webinars
  - Hands-on Guides
  - FREE eBooks
  - FREE interview question

Register Now!

~~$79.9~~

$49.9

Per Person

International Participant

- ✔Live Sessions
- ✔Access to recordings
- ✔Debugging Session
- ✔Access to Masterclass materials
- ✔Community support
- ✔10% OFF for **MLOps specialization course**
- ✔FREE resources
  - Access to webinars
  - Hands-on Guides
  - FREE eBooks
  - FREE interview question

Register Now!

Register as a group of **2 or more** and get **10% OFF** per person on registrations.

Frequently asked questions:

1. Do we need to attend all sessions for both days?

Yes, All registered participants have to attend all the sessions.

2. Whether Masterclass recording video will be sent to participants?

Yes, Masterclass recorded videos will be sent to all participants.
Note: You will have access for 6 Months after the Masterclass

3. What about Certificate?

All registered participants will get a digital certification copy signed by an Instructor from Psitron Technologies Pvt. Ltd.

4. What other opportunities?

Every registered participant will be added to our community groups after the Masterclass, with possibilities to explore much about ML/AI/MLOps, AWS, Azure, GCP etc.

5. Opportunity for students?

Students will give the opportunity to work with our team as an intern for one month on real-time industrial projects for no cost.

6. What are the prerequisites?

Any person from a science & engineering background can attend this Masterclass, No programming expertise is needed.

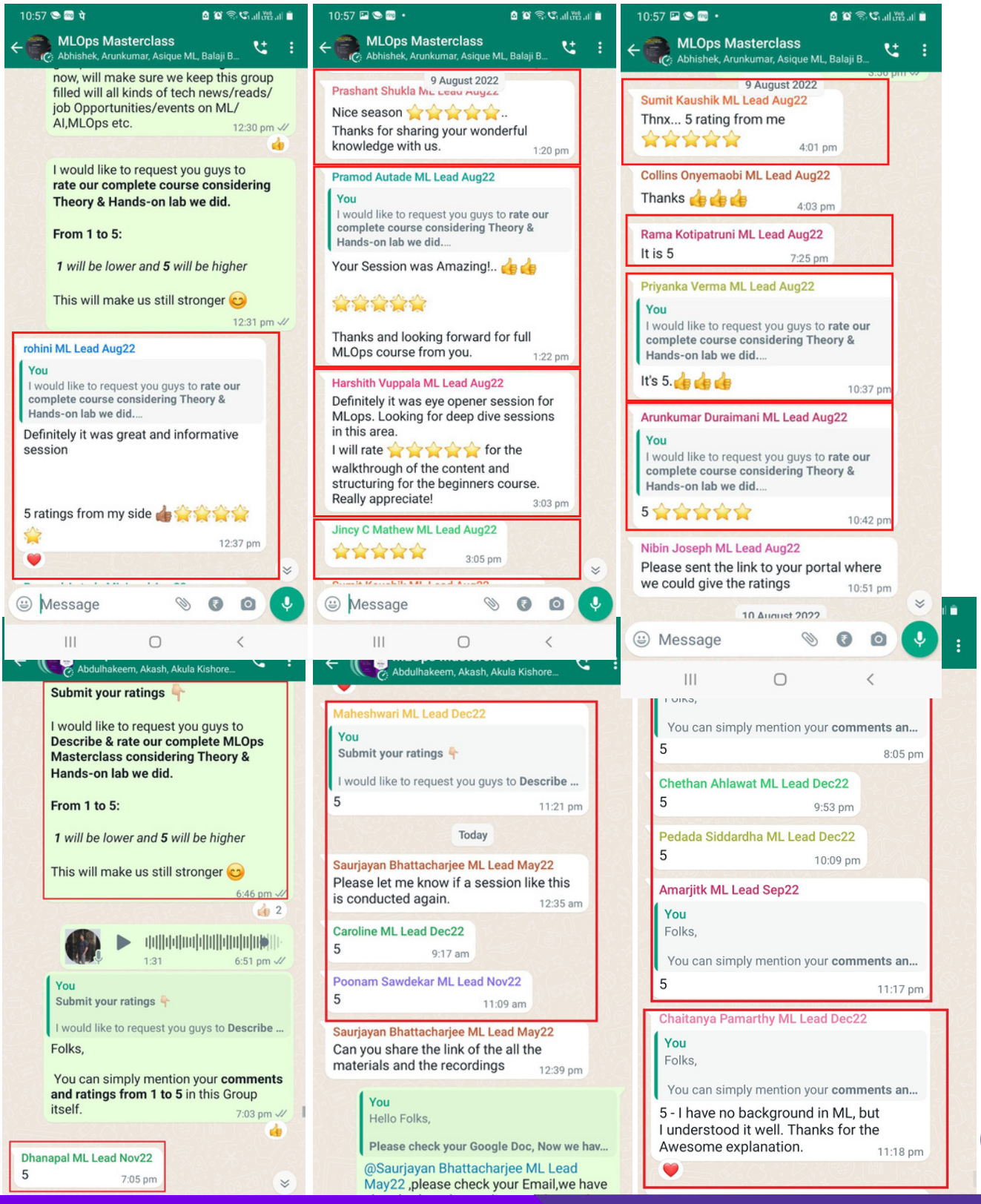
Glimpse of our happy participants

eventbrite

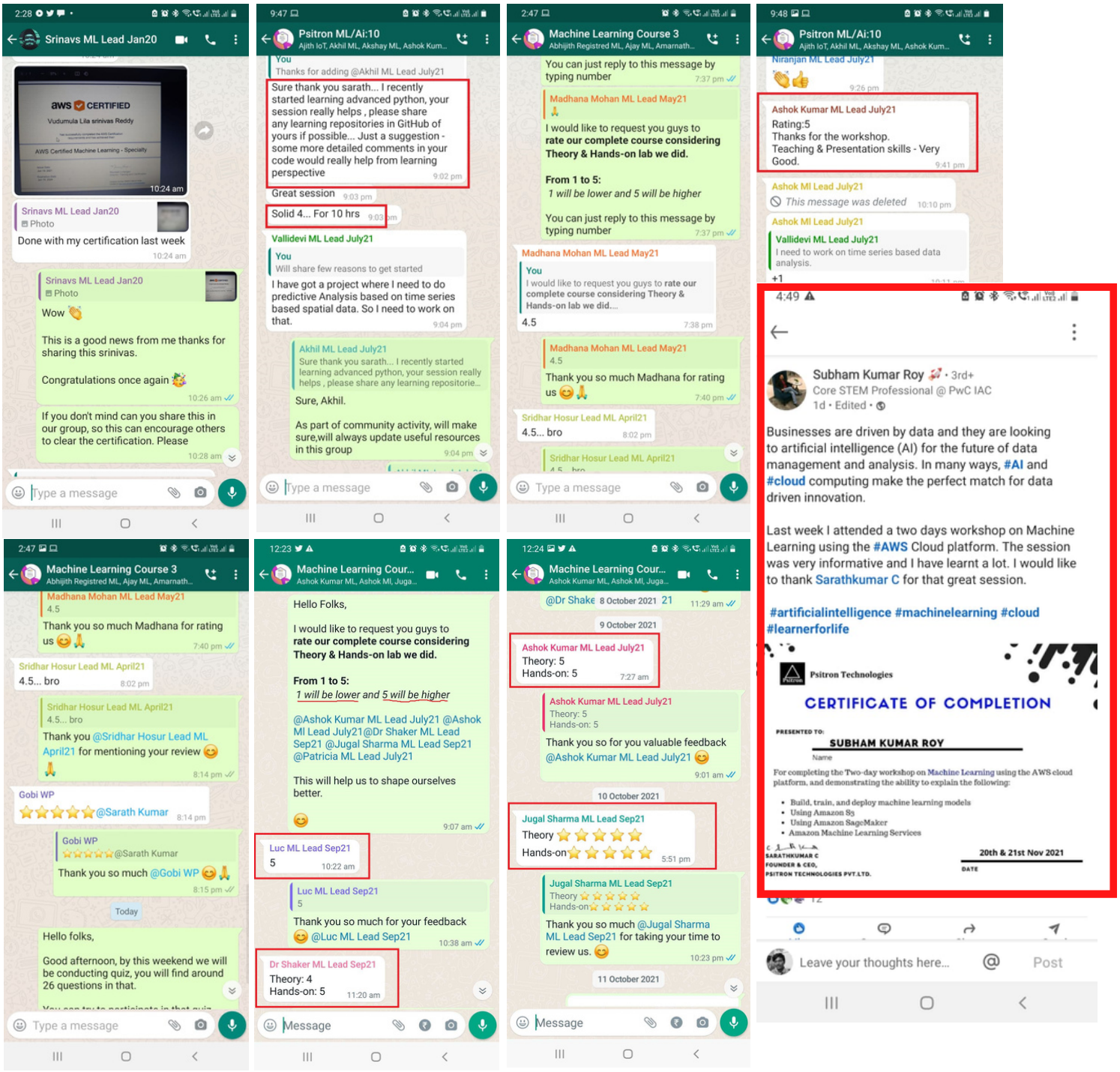
★ 4.2
33 reviews

Events High

Reviews For Organizer 4.7★ (20)

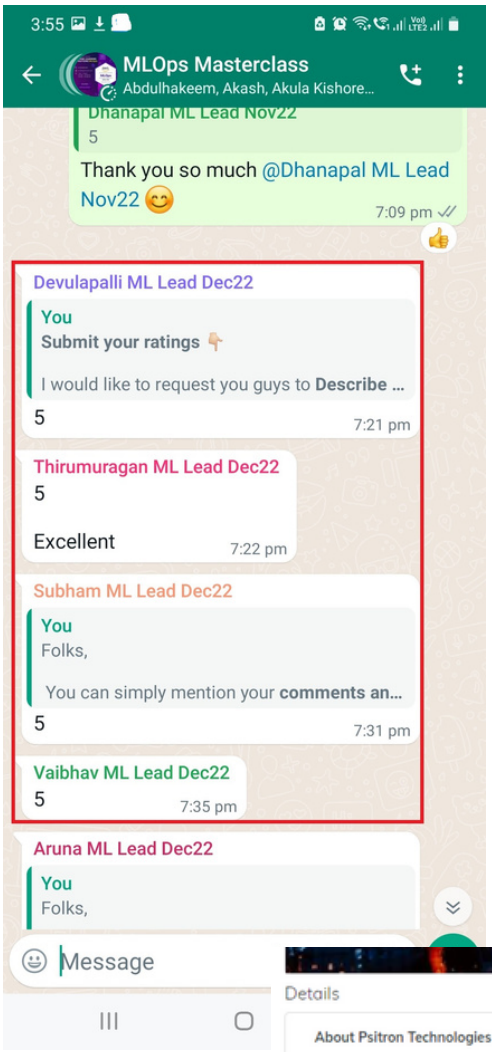


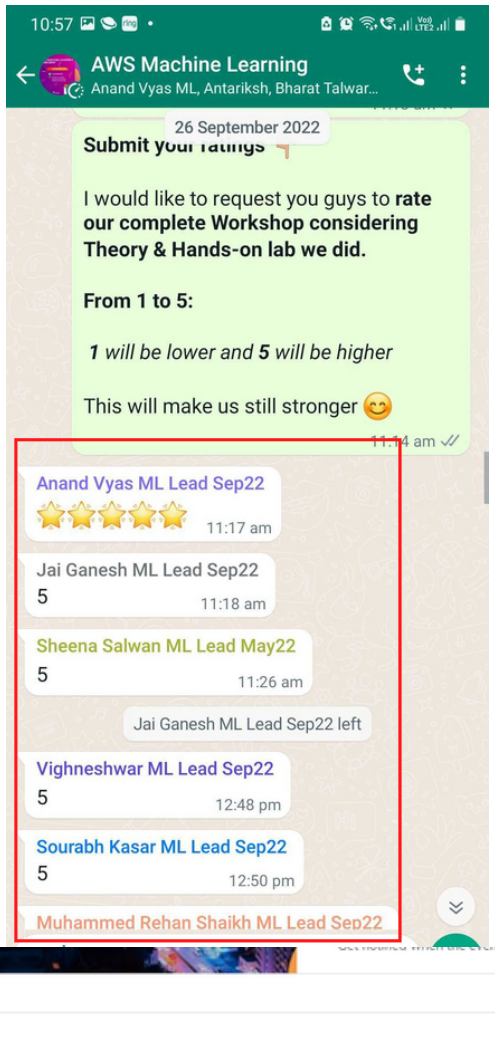
Glimpse of our happy participants

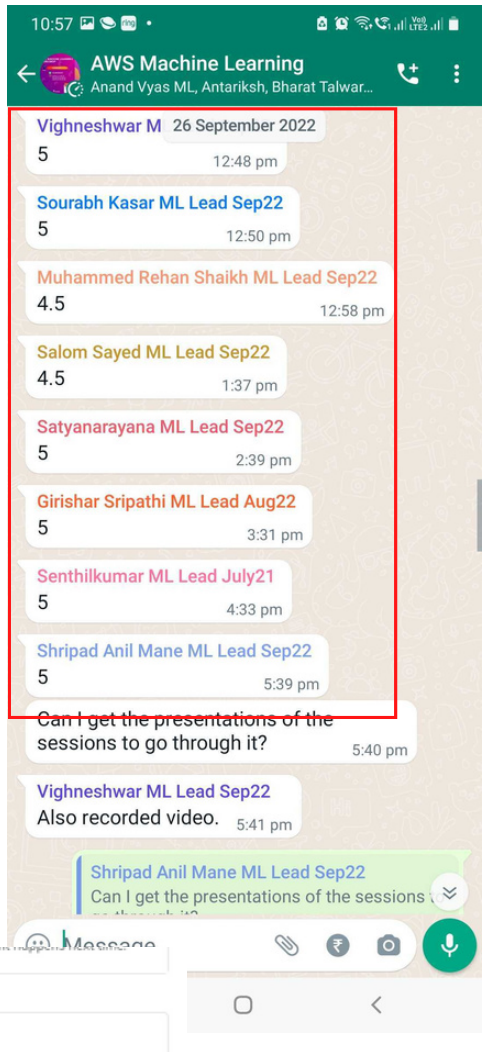


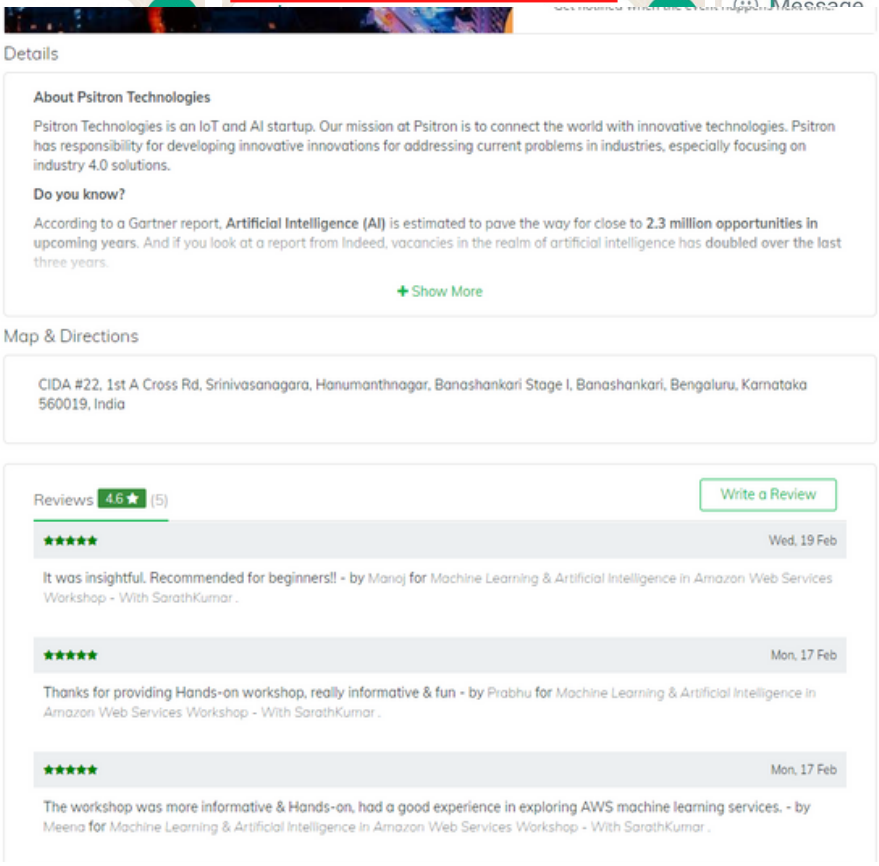
[Register Now]

Glimpse of our happy participants









Glimpse of our happy participants

★★★★☆ Sun, 16 Feb

Explained in very simple language. Looking forward for more workshops - by Usha for Machine Learning & Artificial Intelligence in Amazon Web Services Workshop - With SarathKumar .

− Show Less

Reviews For Organizer 4.7★ (20) Write a Review

★★★★★ Wed, 19 Feb

It was insightful. Recommended for beginners!! - by Manoj for Machine Learning & Artificial Intelligence in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★★ Mon, 17 Feb

Thanks for providing Hands-on workshop, really informative & fun - by Prabhu for Machine Learning & Artificial Intelligence in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★★ Mon, 17 Feb

The workshop was more informative & Hands-on, had a good experience in exploring AWS machine learning services. - by Meena for Machine Learning & Artificial Intelligence in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★☆ Sun, 16 Feb

Got a good intro to AWS. It was great. - by Kiran Pai for Machine Learning & Artificial Intelligence in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★☆ Sun, 16 Feb

Explained in very simple language. Looking forward for more workshops - by Usha for Machine Learning & Artificial Intelligence in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★★ Mon, 30 Dec

Really a workshop was good to get started with IoT & AWS - by Radha for Internet of things (IoT) in Amazon Web Services

★★★★★ Mon, 30 Dec

Really a workshop was good to get started with IoT & AWS - by Radha for Internet of things (IoT) in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★★ Tue, 12 Nov

The event was real good. Sharath has explained the things in the short span of time very well.I keep looking for more event like this - by Praveen S for Machine Learning & Artificial Intelligence in AWS - With SarathKumar organized by SHARATH KUMAR .

★★★★☆ Fri, 25 Oct

GREAT - by Raghu for Internet of things (IoT) in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★★ Fri, 04 Oct

Best workshop for peoples one who looking to start their IoT career. - by Latha for Internet of things (IoT) in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

★★★★★ Fri, 04 Oct

Great workshop, Had a good experience connecting IoT device to cloud. - by Manjunath for Internet of things (IoT) in Amazon Web Services Workshop - With SarathKumar organized by SHARATH KUMAR .

Psitron

Contact Us

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P.S. - Today, don't play it safe, play it smart.

Register Now