

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

August

✓ 12th Sat & 13th Sun

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aws

MLOps

ONLINE

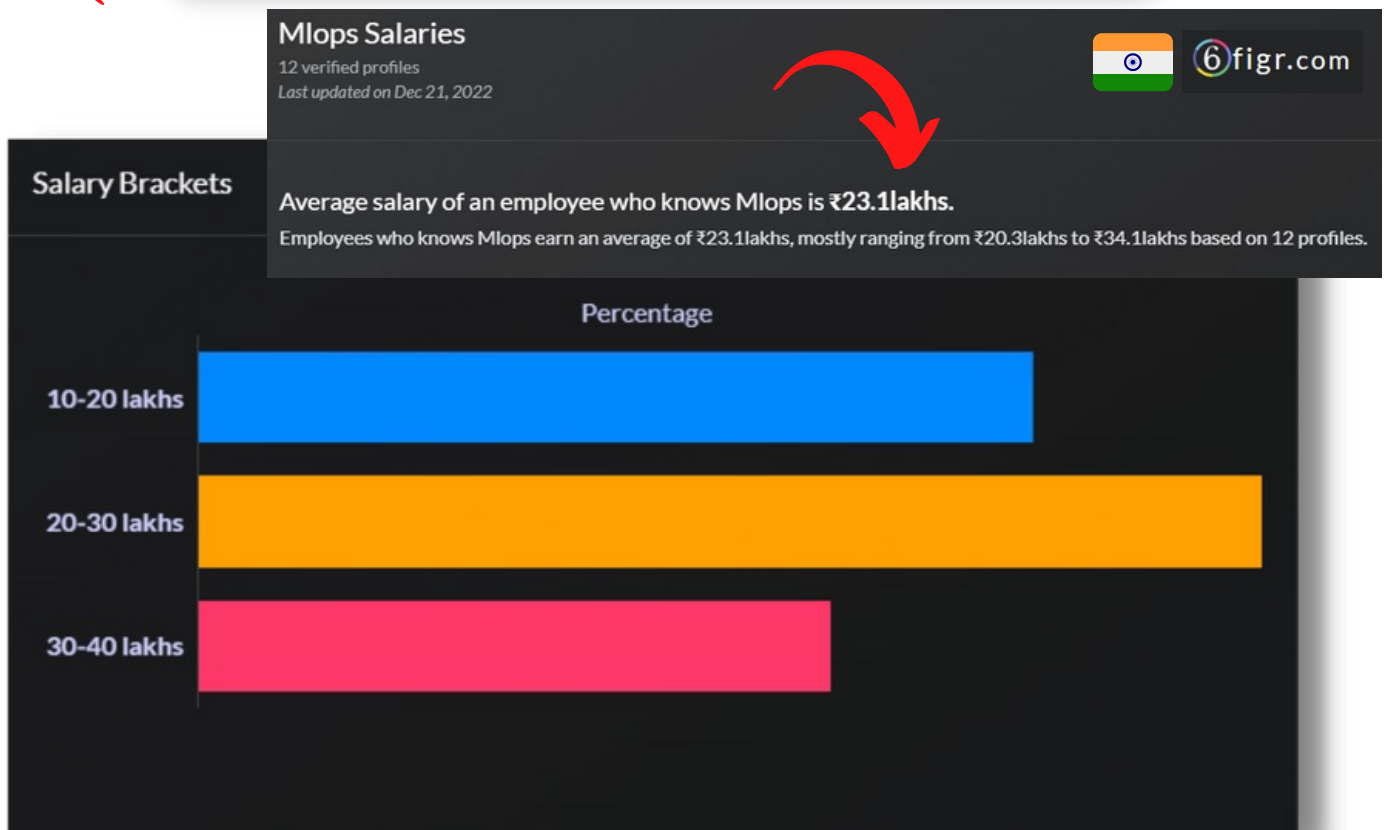
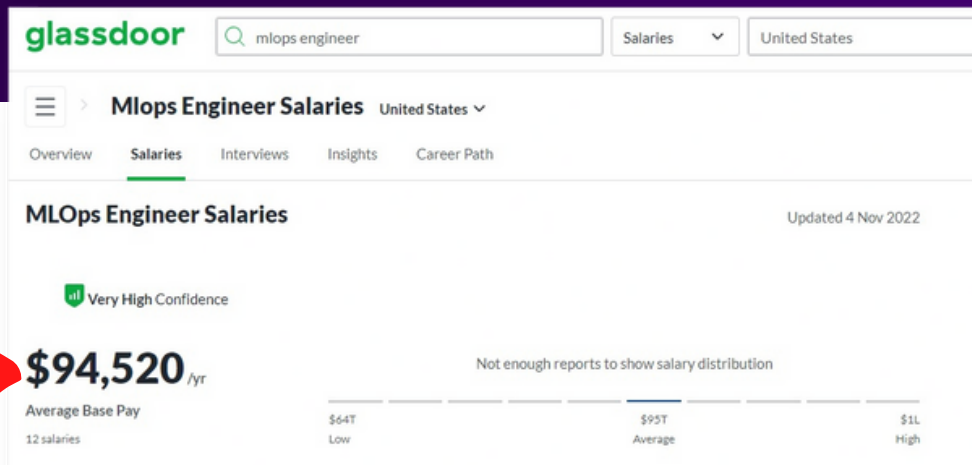
MASTERCLASS



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



Awards/ Honour



FKCCI Bangalore best
Startup award 2018



Living Talent, Dubai finalist of
international level innovation
competition 2018



HILTI International innovation
competition finalist.



Psitron is supported by AWS
activate program



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 12th & 13th August

12th

Live Hands-on Session

13th

Live Hands-on Session

14th

Access to recordings

15th

Debugging Session (Optional)

16th

Debugging Session (Optional)

Curriculum

12th August

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 [\[Hands-on\]](#)

13th August

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 [\[Hands-on\]](#)

Program Curriculum

Tools to Master



Amazon SageMaker



Amazon S3



AWS CodeCommit



AWS CodeDeploy



AWS CodePipeline



CI/CD Tools for ML



amazon SageMaker Studio Lab



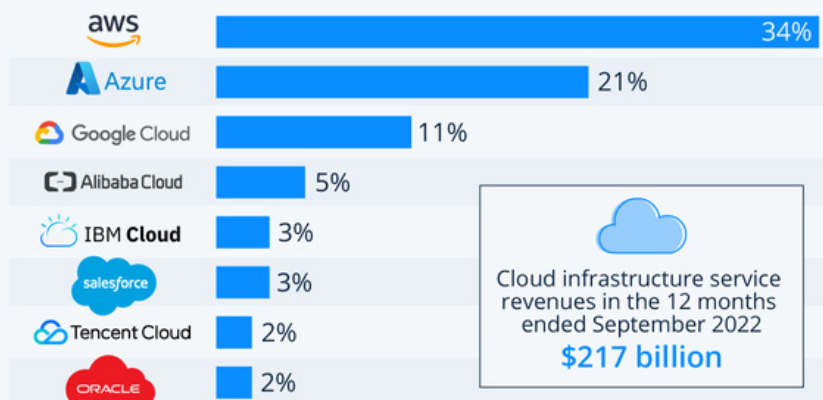
IAM



Why Cloud ?

Amazon, Microsoft & Google Dominate Cloud Market

Worldwide market share of leading cloud infrastructure service providers in Q3 2022*



* includes platform as a service (PaaS) and infrastructure as a service (IaaS) as well as hosted private cloud services

Source: Synergy Research Group



statista

Program Fee



~~₹ 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

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)

10:57 MLOps Masterclass
Abhishek, Arunkumar, Asique ML, Balaji B...

now, will make sure we keep this group filled with all kinds of tech news/reads/job Opportunities/events on ML/AI, MLOps etc. 12:30 pm ✓

I would like to request you guys to rate our complete course considering Theory & Hands-on lab we did.

From 1 to 5:

1 will be lower and 5 will be higher

This will make us still stronger 😊 12:31 pm ✓

rohini ML Lead Aug22

You

I would like to request you guys to rate our complete course considering Theory & Hands-on lab we did....

Definitely it was great and informative session

5 ratings from my side 🙌★★★★★ 12:37 pm

10:57 MLOps Masterclass
Abhishek, Arunkumar, Asique ML, Balaji B...

9 August 2022

Prashant Shukla ML Lead Aug22

Nice session ★★★★★..

Thanks for sharing your wonderful knowledge with us. 1:20 pm

Pramod Autade ML Lead Aug22

You

I would like to request you guys to rate our complete course considering Theory & Hands-on lab we did....

Your Session was Amazing!.. 🙌🙌

★★★★★

Thanks and looking forward for full MLOps course from you. 1:22 pm

Harshith Vuppala ML Lead Aug22

Definitely it was eye opener session for MLOps. Looking for deep dive sessions in this area.

I will rate ★★★★★ for the walkthrough of the content and structuring for the beginners course. Really appreciate! 3:03 pm

Jincy C Mathew ML Lead Aug22

★★★★★ 3:05 pm

10:57 MLOps Masterclass
Abhishek, Arunkumar, Asique ML, Balaji B...

9 August 2022

Sumit Kaushik ML Lead Aug22

Thnx... 5 rating from me

★★★★★ 4:01 pm

Collins Onyemaobi ML Lead Aug22

Thanks 🙌🙌🙌 4:03 pm

Rama Kotipatruni ML Lead Aug22

It is 5 7:25 pm

Priyanka Verma ML Lead Aug22

You

I would like to request you guys to rate our complete course considering Theory & Hands-on lab we did....

It's 5. 🙌🙌🙌 10:37 pm

Arunkumar Duraimani ML Lead Aug22

You

I would like to request you guys to rate our complete course considering Theory & Hands-on lab we did....

5 ★★★★★ 10:42 pm

Nibin Joseph ML Lead Aug22

Please sent the link to your portal where we could give the ratings 10:51 pm

10 August 2022

Abdulhakeem, Akash, Akula Kishore...

Submit your ratings 🙌

I would like to request you guys to Describe & rate our complete MLOps Masterclass considering Theory & Hands-on lab we did.

From 1 to 5:

1 will be lower and 5 will be higher

This will make us still stronger 😊 6:46 pm ✓

1:31 6:51 pm ✓

You

Submit your ratings 🙌

I would like to request you guys to Describe ...

Folks,

You can simply mention your comments and ratings from 1 to 5 in this Group itself. 7:03 pm ✓

Dhanapal ML Lead Nov22

5 7:05 pm

10:57 MLOps Masterclass
Abhishek, Arunkumar, Asique ML, Balaji B...

9 August 2022

Maheshwari ML Lead Dec22

You

Submit your ratings 🙌

I would like to request you guys to Describe ...

5 11:21 pm

Today

Saurjayan Bhattacharjee ML Lead May22

Please let me know if a session like this is conducted again. 12:35 am

Caroline ML Lead Dec22

5 9:17 am

Poonam Sawdekar ML Lead Nov22

5 11:09 am

Saurjayan Bhattacharjee ML Lead May22

Can you share the link of the all the materials and the recordings 12:39 pm

You

Hello Folks,

Please check your Google Doc, Now we hav... @Saurjayan Bhattacharjee ML Lead May22, please check your Email, we have

10:57 MLOps Masterclass
Abhishek, Arunkumar, Asique ML, Balaji B...

9 August 2022

You can simply mention your comments an...

5 8:05 pm

Chethan Ahlawat ML Lead Dec22

5 9:53 pm

Pedada Siddardha ML Lead Dec22

5 10:09 pm

Amarjitk ML Lead Sep22

You

Folks,

You can simply mention your comments an...

5 11:17 pm

Chaitanya Pamarthy ML Lead Dec22

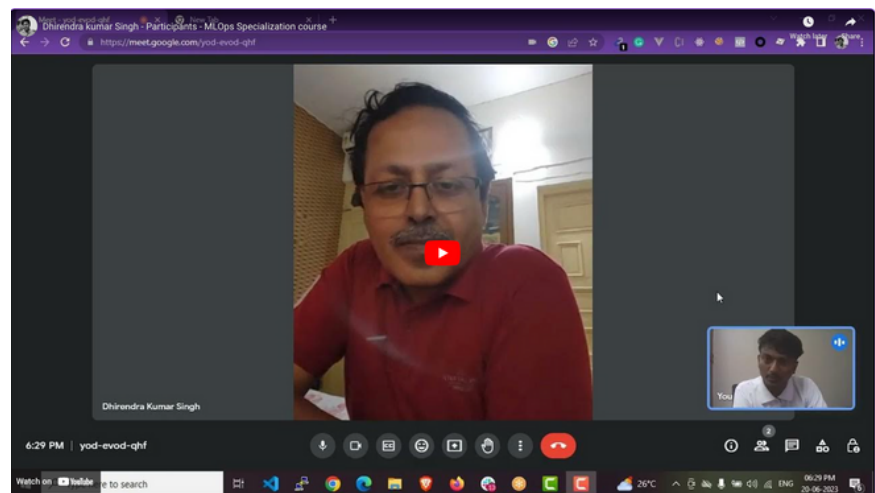
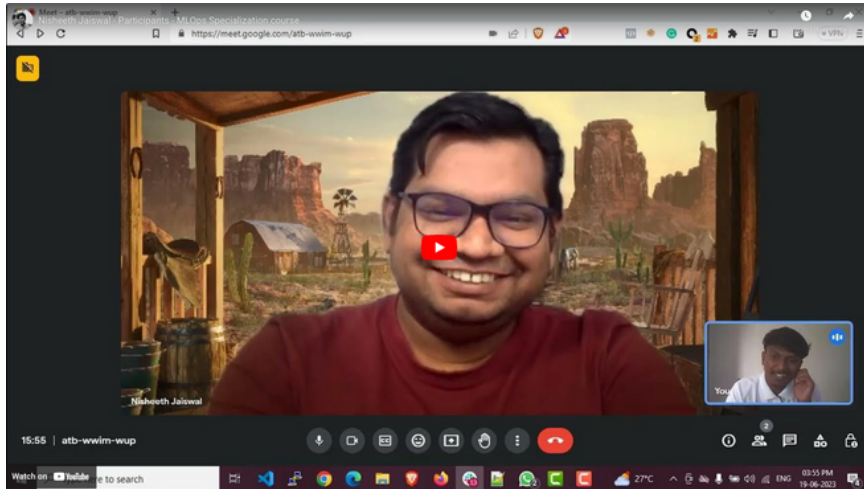
You

Folks,

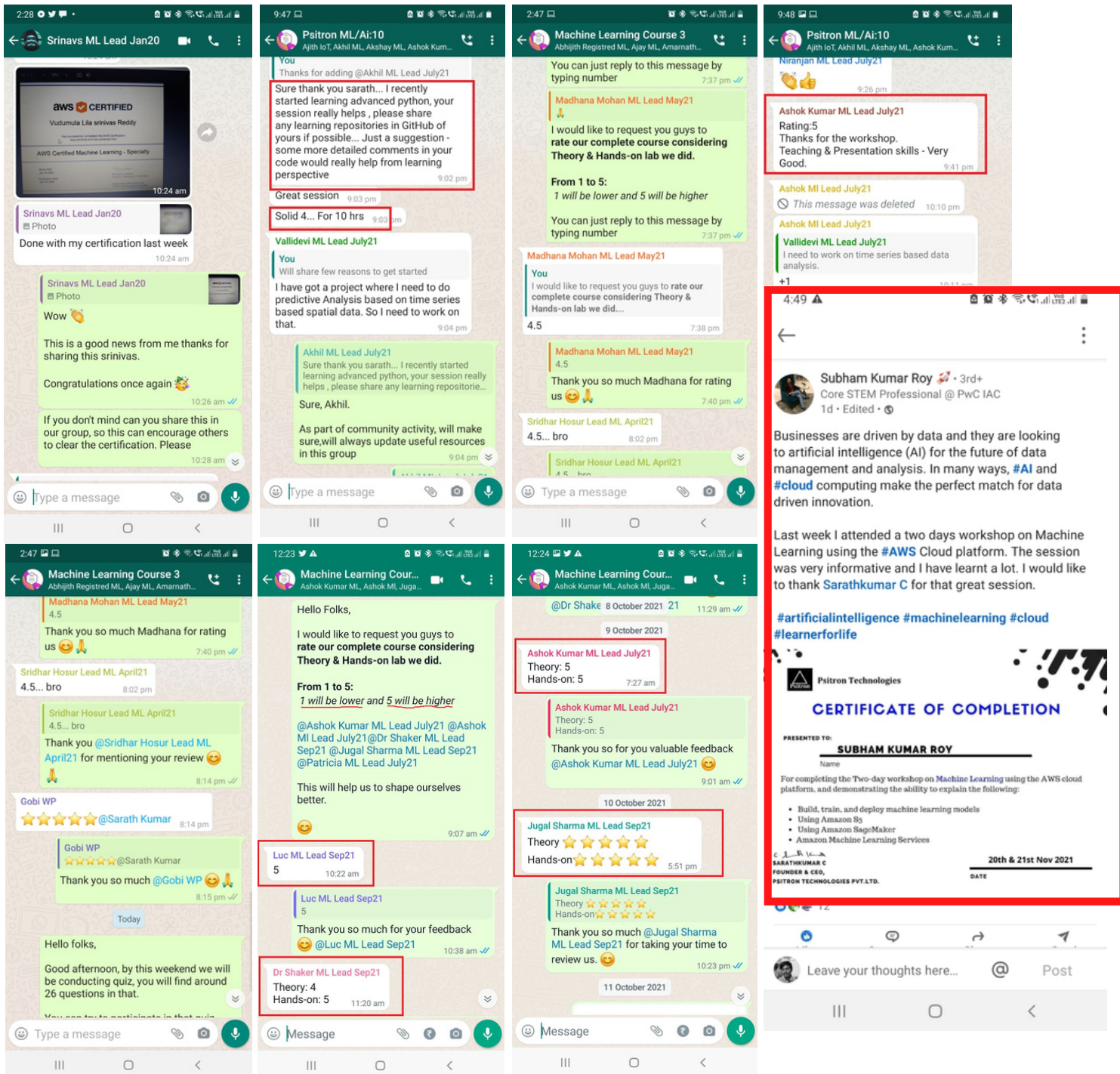
You can simply mention your comments an...

5 - I have no background in ML, but I understood it well. Thanks for the Awesome explanation. 11:18 pm

Glimpse of our happy participants

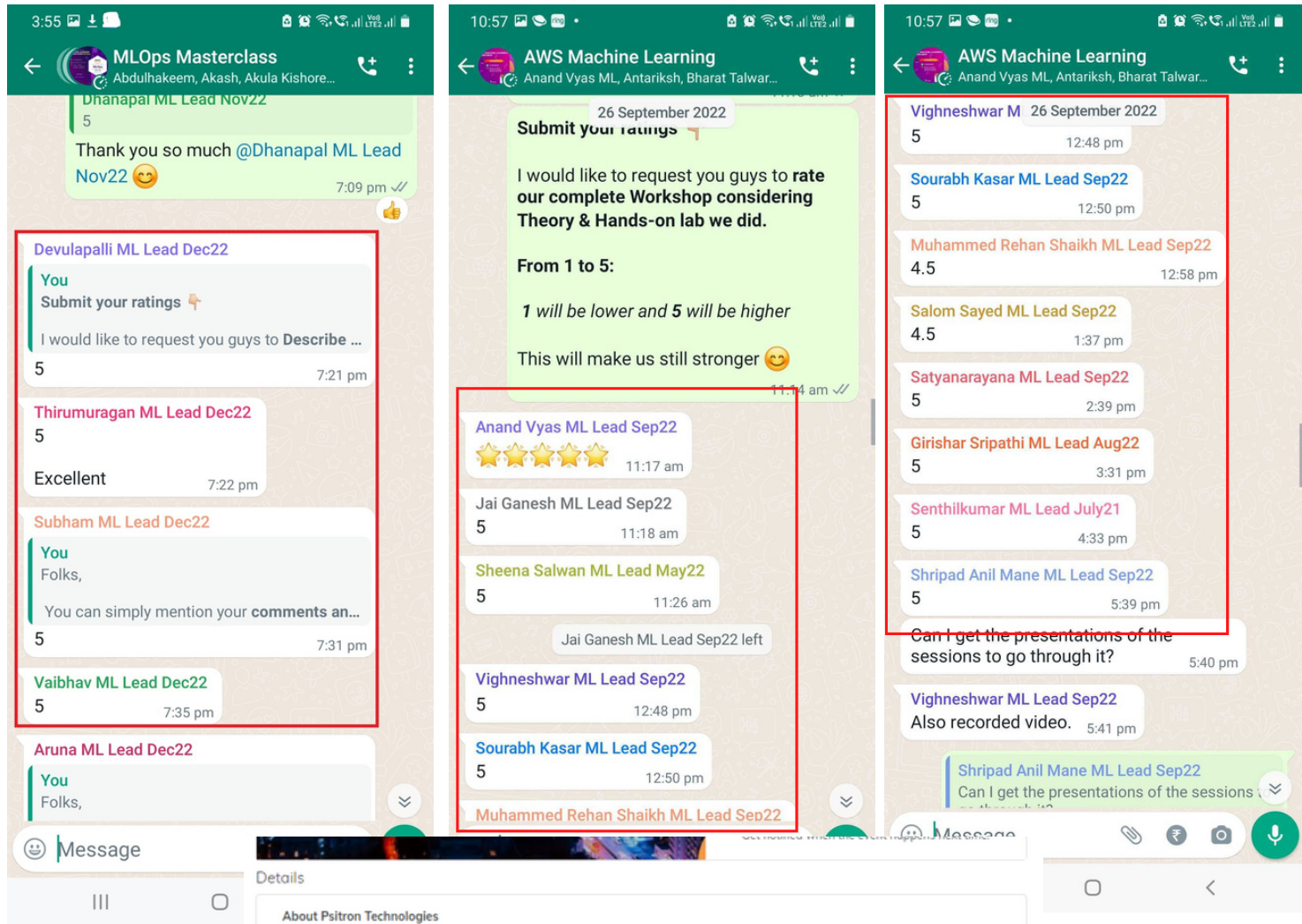


Glimpse of our happy participants



[Register Now](https://www.psitrontech.com)

Glimpse of our happy participants



Details

About Psitron Technologies

Psitron Technologies is an IoT and AI startup. 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.

Do you know?

According to a Gartner report, Artificial Intelligence (AI) is estimated to pave the way for close to 2.3 million opportunities in upcoming years. And if you look at a report from Indeed, vacancies in the realm of artificial intelligence has doubled over the last three years.

[+ Show More](#)

Map & Directions

CIDA #22, 1st A Cross Rd, Srinivasanagara, Hanumanthnagar, Banashankari Stage I, Banashankari, Bengaluru, Karnataka 560019, India

Reviews 4.6 ★ (5) [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.

★★★★★ 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.

★★★★★ 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.

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](#)

★★★★★

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★★★★★

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★★★★★

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 .



Contact Us

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

