

REPORT ON WORKSHOP

Topic: Virtual AI/ML Lab

Organised by: Amazon Web Services

Date, Time: 24th March 2022 ; 11:00 AM-1:00 PM

Speaker : Ms. Sakshi Malhotra

Attendees: Sapna Gupta, Shilpa Agrawal, Anjali Balana, Ekta Dhand, Sonia Gumber

A training session on Virtual AI/ML Lab was conducted by AWS in collaboration with Atal Tinkering Lab. AWS self-paced labs enable to get hands-on practice working with AWS services in a real environment.

The objectives of the workshop were:

- How to login and start/stop a virtual lab?
- What is Cloud Computing?
- What are Amazon Web Services?
- How to access Amazon Web Services?
- Creating a chatbot using Amazon Lex
- Demo of Amazon Rekognition service was given.
- Pricing of services was discussed

The session was a learning and enriching experience for all.

The screenshot shows a Zoom meeting interface. At the top, the meeting title is "Malhotra, Sakshi Conferenc..." and the Meeting ID is "9556775535". The host is "Singapore". The interface includes controls for Mute, Video, Screen, More, and Leave. The main content area displays a slide with the AWS logo and the text: "Cloud computing is the on-demand delivery of compute power, database storage, applications, and other IT resources through a cloud services platform via the Internet with pay-as-you-go pricing." On the right side, there is a list of attendees: Rajesh Singh Dabas, Ramandeep Doria, Ranjini Varma K, Sapna Gupta, Seema Sabherwal, Seema S, Shikha, and Sonia. Below the list is a chat window with messages from hemavathi T, Mona Bakshi, Nagalakshmi V, and Surendra Yogi, all with the message "same" and a timestamp of 11:53 AM. At the bottom, there is a "Message all attendees" button and a text input field.

Malhotra, Sakshi Conferenc...
 Meeting ID: 9556775535
 Hosted in: Singapore

Mute Video Screen More Leave

Microphone Speakers AirPods

SHARE SCREEN - MALHOTRA, SAKSHI

What are the AI/ML services available in the virtual labs?

aws

CHAT

- amazon web services 12:05 PM
- Munmun Nag Choudhury Amazon web services 12:05 PM
- shikha Amazon Web Services 12:05 PM
- Nagalakshmi V Web services 12:05 PM
- Amazon 12:05 PM

Message all attendees

Malhotra, Sakshi Conferenc...
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SHARE SCREEN - MALHOTRA, SAKSHI

Amazon Lex

Amazon Lex is a service for building conversational interfaces using voice and text. With Lex, the same deep learning engine that powers Alexa is now available to any developer, enabling you to bring sophisticated, natural language chatbots to your new and existing applications.

Get Started
 Getting Started Guide

- High Quality Deep Learning Technologies**
 Powered by the same technology as Alexa, Lex provides both automatic speech recognition (ASR) and natural language understanding (NLU) technologies to create a Speech Language Understanding (SLU) system. Through SLU, Amazon Lex takes natural language speech and text input, understands the intent, and fulfills the intent of the user.
[Learn more](#)
- Seamlessly Deploy and Scale**
 You can build, test, and deploy your chatbots directly from the AWS Management Console. Lex allows you to easily publish your voice or text chatbots, so you can access them from mobile apps, web apps, and multiple chat services, like Facebook Messenger. Amazon Lex scales automatically so you don't have to worry about scaling your bots.
[Learn more](#)
- Built-in Integration with the AWS Platform**
 Amazon Lex has native interoperability with several AWS services such as Amazon Cognito, AWS Lambda, Amazon DynamoDB, Amazon CloudWatch, and AWS Mobile Hub, so you can take advantage of the power of the AWS platform for security, monitoring, user authentication, business logic, storage and mobile app development.
[Learn more](#)

Amazon Lex documentation & support
[Getting Started Guide](#) | [FAQ](#) | [Developer Guide](#) | [Forums](#) | [Report an issue](#)

Feedback English (US)

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CHAT

- ARUNA S S Clear ma'am 12:16 PM
- SONY DEVATWAL clear 12:16 PM
- kindly give demo of how to use a particular service. 12:16 PM
- Nagalakshmi V Eagerly waiting for how to use lab 12:17 PM

Message all attendees



Microphone

Speakers

AirPods

AirPods

SHARE SCREEN - MALHOTRA, SAKSHI



- 1.Translate
- 2.Texttract
- 3.Polly
- 4.Lex
- 5.Recognition
- 6.Transcribe

«Rajesh Singh Dabas»

«Ramandeep Doria»

«Ranjini Varma K»

«Sapna Gupta»

«Sapna Gupta»

«Sapna Gupta»

«Seema Sabherwal »

«Seema S»

«Shikha»

«Sonia»

CHAT

Yes

12:30 PM

«shikha»

Mam for amazon lex, we need to login in AWS management console first then only we can use this service?

12:32 PM

Ok mam , Thank you

12:33 PM

«Ambica»

how to publish the project?

12:33 PM

Message all attendees