Welcome!

Hi, I am Kesha Williams! I have 25+ years of experience architecting and building enterprise applications. I am recognized as an AWS Machine Learning Hero and have earned the AWS Machine Learning Specialty certification. I recently made the transition from Java to ML, so I understand the journey! I have put this guide together for developers looking to upskill on ML. I have hand-selected my favorite sessions for developers who are new to ML, wanting to train sophisticated models using Amazon SageMaker, looking to automate and operationalize ML pipelines, or simply looking to add intelligence to existing applications.

Principal Training Architect
A Cloud Guru

aws

Breakout sessions

I have chosen these sessions to help you upskill on building, training, and deploying sophisticated models on AWS.

AIM407

Train deep learning ML models at scale with Amazon SageMaker

I love this session because it uses real-world examples of computer vision and natural language processing to show you how to train large models in the shortest amount of time. I'm all about saving money on training costs so I'm definitely not going to miss this one!

Today customers use Amazon SageMaker to build millions of models with billions of parameters. SageMaker offers advanced capabilities that help you manage large-scale model training such as debugging, profiling, model checkpointing, optimization for deep learning algorithms, and distributed training, so even the largest ML models can be trained in record time for the lowest cost. In this session, dive deep into these training features using examples from computer vision and natural language processing.

AIM301

Use Amazon SageMaker to develop high-quality ML models faster

I'm looking forward to this session because it dives deep on SageMaker features that help boost your productivity at every stage of the machine learning lifecycle.

Amazon SageMaker helps data scientists and machine learning (ML) practitioners build, train, and deploy high-quality ML models by bringing together a broad set of capabilities that are purpose-built for ML. SageMaker offers tools for every step of the ML lifecycle to improve productivity by up to 10 times your baseline, including data labeling, data preparation, feature engineering, statistical bias detection, training, tuning, monitoring, workflows, and human in the loop. In this session, learn how these features work together so that you can get started quickly.

AIM319

Prepare data for ML with ease, speed, and accuracy

I'm looking forward to this session because it showcases 3 powerhouse SageMaker features: SageMaker Ground Truth, SageMaker Data Wrangler, and SageMaker Feature Store. This session is all about data.

Join this session to learn how to prepare data for ML in minutes using Amazon SageMaker. SageMaker offers tools to simplify data preparation so that you can label, prepare, and understand your data. Walk through a complete data-preparation workflow, including how to label training datasets using SageMaker Ground Truth as well as how to extract data from multiple data sources, transform it using the prebuilt visualization templates in SageMaker Data Wrangler, and create model features. Also, learn how to improve efficiency by using SageMaker Feature Store to create a repository to store, retrieve, and share features.

AIM321

Use AutoML to create high-quality models

This session is exciting because it shows you how to train hundreds of models at once, allowing you to choose the model that performs the best. SageMaker Autopilot gives you a jumpstart if you don't have a deep background in ML.

Join this session to learn how to use Amazon SageMaker Autopilot to automatically build the best machine learning (ML) model based on your dataset. SageMaker Autopilot automatically trains and tunes hundreds of ML models and enables you to pick the best model for your use case, such as price prediction or text classification. You don't need to have a deep background in ML to get started quickly. Simply provide your dataset, and SageMaker Autopilot takes care of the heavy lifting including preparing features, testing algorithms, and optimizing hundreds of model parameters.

AIM320

Implementing MLOps practices with Amazon SageMaker

MLOps is sometimes an afterthought so I'm excited about this session! This session brings MLOps to the forefront and shows you how to automate and manage your machine learning pipelines.

MLOps practices help data scientists and IT operations professionals collaborate and manage the production ML workflow, including data preparation and building, training, deploying, and monitoring models. During this session, explore the features in Amazon SageMaker Pipelines that help you increase automation, track data lineage, catalog ML models for production, improve the quality of your end-to-end workflows, and support governance. Also, learn how to use SageMaker projects, which provide MLOps templates for workflows.

AIM408

Achieve high performance and cost-effective model deployment

I'm all about saving money when deploying models and making them accessible in production. I'm interested in this session because it breaks down the different inference options and cost-effective techniques available via Amazon SageMaker.

To maximize your ML investments, high performance and cost-effective techniques, including real-time, asynchronous, and batch, are needed to scale model deployments. In this session, discuss the different inference options available in Amazon SageMaker such as multi-container endpoints, inference pipelines, multi-model endpoints, frameworks such as TensorFlow and PyTorch, Python-based backend servers, and C++/Go-based backend servers. Pick the best inference option for your ML use case so you can scale to thousands of models across your business.

AIM203

Turn your documents into insights with AWS machine learning services

I love hearing how customers are using AWS machine learning services in the real world. This session piques my interest because AWS customers will share their journeys to find critical data hidden inside documents using AWS machine learning services!

Learn how organizations worldwide are leveraging intelligent document processing (IDP) to automate manual document-based activities, enabling them to process millions of documents in hours and automating low-value tasks to improve data management and customer satisfaction. In this session, hear from AWS customers about how they processed thousands of documents in seconds in order to audit the critical information locked inside.

AIM206

How Pinterest improved WFH employee productivity with intelligent search

I'm the first person to complain about search engines that don't help me find what I'm searching for. I'm a huge Pinterest fan so I can't wait to hear how they built a robust search engine using Amazon Kendra to help their employees boost productivity while working from home during the pandemic.

Organizations are hungry to use data to grow and improve performance, but enterprises are struggling with search today, and finding information is harder with employees working remotely. In this session, learn how Pinterest worked with AWS Partner Raytion to utilize Amazon Kendra and build a robust search solution that integrated with multiple internal data sources. Together they enabled their employees to find the right answers and boost productivity while working from home.

aws

Interactive sessions

I have chosen these interactive sessions to show you how to add intelligence to your existing applications and operationalize ML workloads.

AIM310

Build an ML-powered demand planning system using Amazon Forecast

Amazon Forecast is one service that I haven't had an opportunity to explore. I'm really looking forward to this session so that I can see how easy Amazon Forecast makes it to build and automate a demand planning system.

This chalk talk explores how you can use Amazon Forecast to build an ML-powered, fully automated demand planning system for your business or your multi-tenant SaaS platform without needing any ML expertise. Amazon Forecast automatically generates highly accurate forecasts using machine learning, explains the drivers behind those forecasts, and keeps your machine learning models always up to date to capture new trends.

AIM312

Applying AWS machine learning to next-gen DevOps

DevOps allows teams to work smarter and faster, but what happens when you combine machine learning with DevOps? This session will tell you! I can't wait to hear how machine learning augments a developer's expertise.

While DevOps technology has evolved dramatically over the last few years, it is still challenging. Issues related to concurrency, security, or handling of sensitive information require expert evaluation and often slip through existing mechanisms like peer code reviews and unit testing. Even for organizations that can invest in developers who are expert code reviewers, the pace at which the software is developed creates high volumes of complex code that are difficult to review manually. Join this chalk talk to learn how the AWS next-gen DevOps portfolio helps augment your developer's expertise with machine learning (ML) capabilities to establish automation and more proactive mechanisms that enable teams to innovate faster with confidence.

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AIM413
Detect machine learning model drift in production

Model accuracy can degrade over time, which produces negative results. I'm looking forward to learning more about SageMaker Model Monitor because it automatically detects drift in production models and alerts you!

One of the major factors that can affect the accuracy of models is the difference between data used to generate predictions and data used for training. For example, changing economic conditions could drive new interest rates affecting home purchasing predictions. Amazon SageMaker Model Monitor automatically detects drift in deployed models and provides detailed alerts that help identify the source of the problem and trigger model retraining and a validation pipeline. In this chalk talk, also learn how you can use human-in-the-loop to validate model predictions.

AIM323
Get started with Amazon SageMaker in minutes

I often build my models from scratch, so I'm curious to learn about the 300 pre-trained ML models provided by SageMaker JumpStart. I love learning about solutions that can help maximize my time!

Join this chalk talk to explore the Amazon SageMaker solutions designed to help you get started faster with machine learning (ML). Each of the 20 solutions accelerates your ML journey by offering a dataset and model for common ML use cases, such as predictive maintenance, churn prediction, and credit risk, so you can move quickly from concept to production. Also walk through how to use the 300 pretrained popular open-source ML models that come with SageMaker JumpStart to help you build common ML models such as image classification, object detection, text classification, and text generation.

AIM401
Create, automate, and manage end-to-end ML workflows at scale

Continuous integration and continuous delivery (CI/CD) for machine learning – it doesn't get any better than that! I think you'll enjoy learning how to orchestrate your machine learning workflows during this session!

In this workshop, learn how to orchestrate machine learning (ML) workflows across each step of the ML process, including exploring and preparing data, experimenting with different algorithms and parameters, training and tuning models, and deploying models to production using Amazon SageMaker Pipelines and SageMaker projects. SageMaker Pipelines makes it easy to manage dozens of ML models and massive volumes of data and to track thousands of training experiments. Learn how to share and reuse workflows, helping you scale ML throughout your organization.

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AIM402

Develop your ML project with Amazon SageMaker

I think this hands-on workshop is a great introduction to Amazon SageMaker. I'm excited that is covers so many cool features of SageMaker: SagerMaker Data Wrangler, SageMaker Feature Store, SageMaker Processing, SageMaker Studio, SageMaker Pipelines, and model hosting.

In this workshop, learn how to develop a full ML project end to end with Amazon SageMaker. Start with data exploration and analysis, data cleansing, and feature engineering with SageMaker Data Wrangler. Then, store features in SageMaker Feature Store, extract features for training with SageMaker Processing, train a model with SageMaker training, and then deploy it with SageMaker hosting. Also, learn how to use SageMaker Studio as an IDE and SageMaker Pipelines for orchestrating the ML workflow.

AIM322

Gain greater visibility and transparency into your ML models

I am most excited about this session! I am a huge fan of SageMaker Clarify because it fights bias in machine learning models. SageMaker Clarify is also exciting because it brings transparency to our models. You don't want to miss this one!

Explaining ML models and understanding the reasoning behind the predictions they make is often difficult, but it is important to support responsible use of ML. Trained models may weigh some features more heavily than others when generating predictions. With Amazon SageMaker Clarify, you can develop a robust understanding of your models by checking for potential bias in training data or a trained model. In this chalk talk, dive into the various bias metrics and feature-importance graphs available in SageMaker Clarify across the ML workflow and explore how you can use them to improve your model.

AIM305

Hello, is it conversational AI you're looking for?

Amazon Lex and Amazon Polly are two powerhouse services! I love combining these two services to build chatbots. If your organization wants to increase efficiency in your help desk or call center, don't miss this session!

Customers calling in for support expect personalized experience and a quick resolution to their issue. With chatbots, you can provide automated and human-like conversational experiences for your customers. In this chalk talk, discuss strategies to design personalized experiences using Amazon Lex and Amazon Polly. Explore how to design conversation paths, customize responses, integrate with your applications, and enable self-service use cases to scale your customer support functions.

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AIM405

Rightsizing SageMaker compute instances for ML model training & inference

The instances you choose impact training and inference time and costs. I'm interested in this session because it clearly lays outs the instances available and provides tips for picking what's best for your use case.

Amazon SageMaker offers several compute capabilities and instance types to meet the needs of your machine learning (ML) use cases, including computer vision, recommendation engines, and natural language processing. In this session, discover the compute options available to you, including GPUs, CPUs, and AWS Inferentia. Learn the best practices and essential criteria, including price, performance, flexibility to support ML frameworks, and ease of use, so you can choose the right capabilities for your ML workload.

AIM317

Uncover insights from customer conversations with no ML expertise required

This session shows you how to chain together multiple AI services to uncover customer sentiment. You'll learn about Amazon Transcribe, Amazon Comprehend, and Amazon Translate.

Understanding what your customers are saying is critical to your business, but navigating the technology needed to make sense of these conversations can be daunting. In this workshop, discover how to uncover valuable insights from your data using custom models that are tailored to your business needs—with no ML expertise required. Using a set of customer calls, learn how to boost transcription accuracy with Amazon Transcribe custom language models, extract insights with Amazon Comprehend custom entities, localize content with Amazon Translate Active Custom Translation, and create powerful visualizations with Amazon QuickSight.

AIM409

Accelerate deep learning with cloud custom environments

AWS Deep Learning AMIs and AWS Deep Learning Containers help to accelerate deep learning projects. If you're a frequent user of frameworks like TensorFlow or PyTorch, you'll want to check out this one!

Deep learning (DL) projects often require integrating custom libraries with popular open-source frameworks such as TensorFlow and PyTorch. Setting up, managing, and scaling custom ML environments can be time-consuming and cumbersome even for experts. With AWS Deep Learning AMIs and AWS Deep Learning Containers, you get access to prepackaged and optimized DL frameworks that make it easy for you to customize, extend, and scale your environments. In this chalk talk, learn how to launch and use DL AMIs; how to pull, customize, and extend DL containers; and how to implement model training and inference with Amazon EKS and Amazon SageMaker.

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Other recommendations

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Machine Learning **Certification Exam**

CEX001

AWS Certification Exam – Machine Learning – Specialty

When you're skilled, you know it. When you're certified, everyone knows it. Earn your AWS Certified Machine Learning–Specialty certification and celebrate with other attendees. The AWS Certified Machine Learning–Specialty certification validates expertise in building, training, tuning, and deploying machine learning models on AWS.

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Machine Learning **Jams recommendation**

HJS303-R1
AWS Data & Analytics Jam

In addition to all the amazing breakout sessions at re:Invent, the AWS Data & Analytics Jam will allow you to actually use those AWS and AWS Partner solutions that you have heard about to solve real-world scenarios in a fun and competitive event.

Having the correct data is only part of the answer. Knowing how to use AWS services to gain value from the data is the real solution. In this Jam, you encounter real-world scenarios that allow you to use different AWS services to figure out the correct answers. Do you know the difference between SQL and NoSQL? Or are you already an expert at Amazon SageMaker? Explore challenges for all different skill levels. Clues and AWS experts are available to help ramp up your analytics skills. A laptop is required to participate.

Keynotes

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Adam Selipsky Keynote

Adam Selipsky is the CEO of Amazon Web Services (AWS), the world's most comprehensive and broadly adopted cloud platform. Having previously led AWS Marketing, Sales, and Support for 11 years, from 2005–2016, Selipsky helped launch and grow AWS from a startup into a multi-billion dollar business. Prior to rejoining AWS in 2021, Selipsky was most recently President and CEO of Tableau Software. He led Tableau through its acquisition by Salesforce, in what was the third-largest software industry acquisition at the time. Selipsky has also held various leadership roles at RealNetworks, and before that, was a Principal at strategy consulting firm Mercer Management Consulting. He has an AB in government from Harvard University and an MBA from Harvard Business School.

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Dr. Werner Vogels Keynote

Dr. Werner Vogels is Chief Technology Officer at Amazon.com, where he is responsible for driving the company's customer-centric technology vision. As one of the forces behind Amazon's approach to cloud computing, he is passionate about helping young businesses reach global scale and transforming enterprises into fast-moving digital organizations. Vogels joined Amazon in 2004 from Cornell University, where he was a distributed systems researcher.

Peter DeSantis Keynote

Peter DeSantis is the Senior Vice President of AWS Global Infrastructure and Customer Support. In this role, he leads the AWS teams responsible for designing the data centers, servers, and network that underpin our AWS services and for deploying and operating this infrastructure worldwide as well as for the customer-facing organizations providing support for our AWS products.

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Machine Learning Keynote

Swami Sivasubramanian is Vice President at AWS in charge of all Amazon AI and machine learning services. His team's mission is "to put machine learning capabilities in the hands of every developer and data scientist." Swami and the AWS AI and ML organization work on all aspects of machine learning, from ML frameworks (TensorFlow, Apache MXNet, and PyTorch) and infrastructure, to Amazon SageMaker (an end-to-end service for building, training, and deploying ML models in the cloud and at the edge), and finally AI services that make it easier for app developers to incorporate ML into their apps with no ML experience required.

Global Partner Summit Keynote

Join us for the Global Partner Summit keynote, presented by Doug Yeum, Head of AWS Partner Organization, Sandy Carter, Vice President, Worldwide Public Sector Partners and Programs, and Stephen Orban, General Manager of AWS Marketplace and Control Services. You'll learn about cloud-powered innovation and the opportunity it creates for AWS Partners, as well as how AWS Partners use the AWS Cloud to build innovative solutions and services, differentiate their businesses, and enable customers in virtually every industry to transform their businesses.

Live stream sponsored by:

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Leadership sessions

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Leadership sessions*

SPOTLIGHT SESSION

All Builders Welcome

LaDavia Drane

Director, Inclusion, Diversity & Equity

SPOTLIGHT SESSION

AWS Executive Panel

Francessca Vasquez

Vice President, Technology

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Leadership sessions*

AWS Marketplace

Stephen Orban
General Manager, AWS Marketplace

AWS Public Sector

Max Peterson
Vice President, Worldwide Public Sector

AWS Public Sector Partners

Sandy Carter
Vice President, Worldwide Public Sector
Partners and Programs

AWS Storage

Mai-Lan Tomsen-Bukovec
Vice President, Worldwide Public Sector
Partners and Programs

AI/ML

Bratin Saha
Vice President, Machine Learning

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Leadership sessions*

Analytics

Rahul Pathak

Vice President, Analytics

Architecture

Brian Taptich

Vice President, AWS Worldwide
Specialist Organization

Business Applications

Peter Hill

Vice President, Business Applications

Cloud Operations

Bill Vass

Vice President, Engineering – Storage,
Automation, Streaming & Management

Compute

David Brown

Vice President, Amazon EC2

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Leadership sessions*

Containers

Deepak Singh
Vice President, Compute Services

Databases

Jeff Carter
Vice President, Relational Databases

Developer

Ken Exner
Director, AWS Developer Tools

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snyk

Edge

Bill Vass
Vice President, Engineering – Storage, Automation, Streaming & Management

Enterprise and Migration

Todd Weatherby
Vice President, Professional Services

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Leadership sessions*

IoT

Michael MacKenzie
General Manager, AWS IoT

Networking & Content Delivery

David Brown
Vice President, Amazon EC2

Security, Compliance, and Identity

Stephen Schmidt
Vice President and Chief Information
Security Officer

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Serverless

David Richardson
Vice President, Serverless

Training & Certification

Maureen Lonergan
Director of AWS Training and Certification

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Choose the learning methods that work for you

Breakout sessions

Available from intermediate (200) through expert levels (400), so you can grow your skills, no matter where you are in your career. Select from any track, level, or available session type to tailor your re:Invent experience.

Workshops

Workshops are two-hour hands-on sessions where you work in teams to solve problems using AWS services. Workshops organize attendees into small groups and provide scenarios to encourage interaction, giving you the opportunity to learn from and teach each other.

Chalk talks

Chalk talks are a highly interactive content format with a small audience. Each begins with a short lecture (10–15 minutes) delivered by an AWS expert, followed by a 45- or 50-minute Q&A session with the audience.

Builders' sessions

These are 60-minute small group sessions with up to six attendees per table, and one AWS expert, who is there to answer questions and provide guidance. It's just you, your laptop, and the AWS expert.

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Choose the learning methods that work for you

Training and Certification

Learn directly from AWS experts and get practical experience with real-world cloud scenarios. Skill up fast with a bootcamp, show your expertise by earning an AWS Certification, and practice your craft with one of our labs.

AWS DeepRacer

Developers of all skill levels can compete in virtual races during re:Invent for a chance to win prizes and glory! Tune in to AWS DeepRacer TV throughout re:Invent to catch the championship action.

Jams and GameDays

Test your skills in implementing AWS solutions by solving real-world problems in a gamified, risk-free environment. Take part in collaborative and interactive learning exercises—and win prizes!

Expo

Learn from AWS experts and partners. The Expo at The Venetian will be host to AWS Village, AWS Partner Network, AWS Marketplace, Builders' Fair, Developer Lounge, a demo theater, Jam Lounge, Startup Central, and sponsor booths.

Play

Play

Midnight Madness

Once again this year, we will be hosting an AWS-style pep rally to kick off the week and welcome our most dedicated fans. Midnight Madness provides a sneak peek into re:Invent, complete with the first product launch of re:Invent 2021.

Quirky

Experience Amazon's unique culture at one (or more!) of our Quirky events. Whether it's board games, bingo, or a sneak peek of one of your favorite Amazon TV shows, we've got something for everyone.

re:Play party

For our 10th annual re:Play party, we have an amazing lineup, featuring all the classic re:Play activities like dodgeball and office chair grand prix, and we have a very special musical headliner. Stay tuned for more information!

Restaurant receptions

Join the conversation at our vibrant restaurant receptions. Meet people from across the tech world and connect on topics of interest to you at a range of wonderful venues.

Reserved seating

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AWS Events

RESERVED SEATING WALKTHROUGH

Navigate to the session catalog

After logging in to the event portal, click on the side nav and click "Sessions".

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▼ **Cost**

☐ Paid sessions
☐ Free sessions

▼ **Days**

☐ Monday

⭐ **15 years of AWS with J**

BOA201

Amazon S3 and Amazon EC2 are
this breakout session, have a chat
customers keep surprising us with
and shares lessons on how to bes

Session type: Breakout Session
Topics: BuildOn.AWS

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Using catalog filters

When viewing the session catalog, there is a set of filters available on the left sidebar of the sessions catalog that shows a variety of filters you can use while browsing. Filters include: price, day of the week, difficulty level, session type, topic, AWS service, and industry.

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☐ Paid sessions
☐ Free sessions

▼ **Days**

☐ Monday
☐ Tuesday
☐ Wednesday
☐ Thursday
☐ Friday

▼ **Session level**

☐ 100 - Foundational
☐ 200 - Intermediate
☐ 300 - Advanced
☐ 400 - Expert

▼ **Session type**

☆ **15 years of AWS with Jeff Barr**
BOA201

Amazon S3 and Amazon EC2 are turning 15 this year, and
this breakout session, have a chat with him about how AW
customers keep surprising us with their amazing projects
and shares lessons on how to best build on AWS. Last but

Session type: Breakout Session
Topics: BuildOn.AWS
Session level: 200 - Intermediate
Job Role: Developers, Architect

☆ **5 ways to stay on top of your cloud lear**
BOA202-R1 Repeat

No matter what project you're building, as a developer, y
learn, experiment, and build on AWS while keeping your
to discover AWS and start working with its foundational s
optimize your learning experience in the cloud.

Session type: Chalk Talk
Topics: BuildOn.AWS

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Using catalog search

At the top of the session catalog, there is a search bar where you can enter freeform text to search the full catalog. The search box searches through all of the displayed text fields of a session, including session ID, title, abstract, and level.

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▼ **Cost**

☐ Paid sessions
☐ Free sessions

▼ **Days**

☐ Monday
☐ Tuesday
☐ Wednesday
☐ Thursday
☐ Friday

▼ **Session level**

☆ **15 years of AW**

BOA201

Amazon S3 and Ama
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Session type: Breakout
Topics: BuildOn.AWS
Session level: 200 - Int
Job Role: Developers, A

☆ 5 ways to stay

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Favoriting and un-favoriting a session

When viewing the session catalog, any session shown in the results has a star icon on it. Clicking that star will mark it as a favorite. To un-favorite it, simply click the star again.

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1. years of AWS with Jeff Barr

BCA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP
this breakout session, have a chat with him about how AWS was born,
customers keep surprising us with their amazing projects. Along the wa
and shares lessons on how to best build on AWS. Last but not least, go

Session type: Breakout Session
Topics: BuildOn.AWS
Session level: 200 - Intermediate
Job Role: Developers, Architect

aws

RESERVED SEATING WALKTHROUGH

Reserving a session

For events with reserved seating, when a session has available seats, the button on the session card will say "Reserve seat".

For sessions with a price greater than zero, the button will say "Buy for <price>". Clicking purchase will open up the purchase form where you can complete your transaction. Once the transaction is complete, that session will show on your reservations list.

A practical guide to building an industrial data lake on AWS

MFG301

Analyzing the massive quantities and types of data generated in an industrial setting can enable effective into production optimization opportunities. An industrial data lake is foundational to help manage and st insights for their factory digital transformation efforts. This chalk talk walks through the steps to building industrial customer.

Session type: Chalk Talk
Topics: Manufacturing
Session level: 300 - Advanced

Date
Time
Loca

[Reserve a seat]

AWS Cloud Technical Essentials (option 1)

TNC101-R2   Repeat

This bootcamp introduces you to essential AWS services and common solutions. The bootcamp covers fun security. It also explores concepts that increase your understanding of AWS services, so you can make mor apply highly available, fault-tolerant, scalable, and cost-effective cloud solutions.

Session type: Bootcamp
Topics: Training and Certification
Session level: 100 - Beginner

Date
Time
Loca

[Buy for $1.00]

RESERVED SEATING WALKTHROUGH

Waitlisting a session

When a session has no seats available, because the capacity has already been met, then the button will say "Join waitlist". If you join a waitlist for a session, and a seat becomes available in that session, you may automatically be placed in that session and we will notify you via email.

15 years of AWS with Jeff Barr

BOA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP and Chief Evangelist at AWS, ha born, how the developer experience has evolved over the years, and how customers keep surprising us community and shares lessons on how to best build on AWS. Last but not least, go back in time as Jeff

Session type: Breakout Session
Topics: None
Session level: 200 - Intermediate

Join waitlist

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Viewing your favorites, reservations, and waitlisted sessions

Along the top of the catalog page, there are 3 tabs: 1) All sessions, 2) My favorites, and 3) My reservations. Clicking on "My favorites" will show you a list of only sessions you have favorited. Clicking on "My reservations" will show you a list of items you have reserved or waitlisted.

AWS re:Invent 2021 > Event > Sessions

Sessions

All sessions | **My favorites** | **My reservations**

🔍 Search sessions by keyword

Showing 25 of 881 sessions

▼ **Cost**

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Cancelling a reservation or waitlist

When viewing a session, in any tab, if you have reserved or waitlisted, you can cancel that action by simply clicking the button again. It will show a dropdown that says "Cancel reservation" or "Leave waitlist".

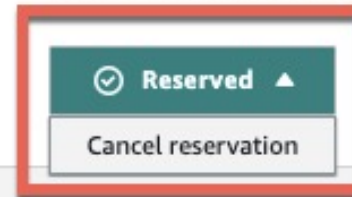### Automating content moderation to improve digital safety

AIM307

The volume of user-generated content and third-party content has been exploding in social media, onlin end users, companies need to find a way to review audio, image, video, and text content at scale for pot content. This chalk talk provides hands-on experience to implement a multimodal AI content moderatio speech (Amazon Transcribe), and text (Amazon Comprehend).

Session type: Chalk Talk
Topics: Artificial Intelligence and Machine Learning
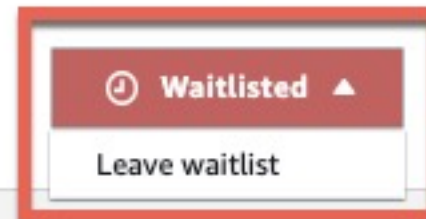Session level: 300 - Advanced

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⊘ **Reserved** ▲

Cancel reservation

BOA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP and Chief Evang born, how the developer experience has evolved over the years, and how customers kee community and shares lessons on how to best build on AWS. Last but not least, go bac

Session type: Breakout Session
Topics: None
Session level: 200 - Intermediate

🕓 **Waitlisted** ▲

Leave waitlist

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Viewing your calendar

In the main navbar on the left of the session catalog, you will see a link that says "My calendar".

aws

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Viewing your calendar

If you navigate to the calendar, you will see all of your favorites, reserved seats, and waitlisted seats on the corresponding days that those sessions are scheduled.

Reserved Seating Demo 2021 > Event > My calendar

< November 2021 >

	Mon 29	Tue 30	Wed 01	Thu 02
12 am				
1 am				
2 am				
3 am				
4 am				
5 am				
6 am				
7 am				
8 am				
9 am				
10 am		Achieve high performance and cost-e… 10:00 AM – 11:00 AM	Amazon Lightsail: Move your first ap… 10:00 AM – 11:00 AM	
11 am				
12 pm				
1 pm		Automating content moderation to i… 1:00 PM – 2:00 PM		
2 pm				
3 pm				

Make a plan

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Building your agenda

SESSIONS

Breakout sessions are lecture-style and one hour long. Sessions are delivered by AWS experts, customers, and partners, and they typically include 10–15 minutes at the end for Q&A.

50%

25%

15%

10%

PRO TIP:

Breakout sessions should make up the bulk of your plan. You can find customers directly speaking about their real-world experiences of using AWS products and services in sessions!

CHALK TALKS

Chalk talks are one hour long and contain expert-level content presented by AWS experts. The goal is to foster a technical discussion around real-world architecture challenges

WORKSHOPS

Workshops organize attendees into small groups and provide scenarios to encourage interaction, giving you the opportunity to learn from and teach each other.

BUILDERS' SESSIONS

These are 60-minute small group sessions with up to six attendees per table, and one AWS expert, who is there to answer questions and provide guidance.

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Building your agenda

💡 PRO TIPS:

- Make sure to watch the leadership sessions that are most relevant to your areas of interest to get the most strategic updates.

- Be sure to not miss out on all the keynotes, as that's where you'll catch the biggest AWS launches.

- re:Invent always tries to feature many customers directly speaking about their real-world experiences of using AWS products and services. You'll find them in many breakout sessions, as well as keynotes.

- Think about topics that are currently mission critical to your team, and topics you're interested in learning more about.

- Breakout sessions will be available to watch virtually, even if you are registered for in-person re:Invent.

- Make an extensive list of sessions to watch! Favorite lots of sessions so when reserved seating goes live, you have lots of options.

Got free time on your schedule?

There are many learning opportunities across the re:Invent campus in Las Vegas that require no reservation. Drop by the Expo, visit a content hub, or practice your craft in one of our labs.

Expo

Learn from AWS experts and partners. The Expo at The Venetian will be host to AWS Village, AWS Partner Network, AWS Marketplace, Builders' Fair, Developer Lounge, a demo theater, Jam Lounge, Startup Central, and sponsor booths. Come by and see all that the Expo has to offer!

Content hubs

Breakout session repeats will take place all week in all re:Invent venues, along with overflow sessions in our content hubs (centralized overflow rooms in every venue). We will also stream live content to the content hubs as the sessions fill up.

Labs

Practice your craft in a live AWS sandbox environment. Try any of our 100+ self-paced labs on your own, or reserve time with an AWS expert who can coach and guide you. Whether you're just starting out or honing your technical skills, learn by doing with labs.

Your re:Invent checklist

❑ Register for re:Invent / Book your hotel / Book your travel reservations / Upload your badge photo

❑ If attending in person, review the health measures in place for this year's re:Invent

❑ Visit the re:Invent website to stay up to date on announcements

❑ Add all five keynotes to your agenda
Pro Tip: This is where you'll catch the biggest AWS launches

❑ Add your favorite leadership sessions to your agenda

❑ Get ready for reserved seating: favorite the learning sessions of interest to you

❑ Familiarize yourself with sponsors in the Expo, along with the Expo map

❑ If you're attending with a team, connect with your colleagues to plan how to conquer the many hours of content
Pro Tip: Don't forget to find time to reconvene with your team and debrief on everyone's learnings

❑ Check out the Play activities and add them to your agenda

❑ Watch all the How to re:Invent videos to prepare for the week

❑ Follow Amazon Web Services on Instagram, Facebook, LinkedIn, and Twitter

Useful resources

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Useful resources

How to re:Invent

Everything you need to know about how to re:Invent. Insider tips, planning advice, and interviews with re:Invent experts. Stay tuned for more episodes on the road to re:Invent!

How to re:Invent

Health measures

The health and safety of our customers, partners, and employees remains our top priority. Review our updated COVID-19 vaccination requirements for attending re:Invent in Las Vegas.

Health measures

FAQs

Get all the info you need on topics such as health and safety, registration, accessibility, and much more.

FAQs

aws

Thank you!