aws SUMMIT SAN FRANCISCO | Agenda At-A-Glance

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Please note, dates, times, and/or rooms are subject to change - last updated 6/19. Please download and view the mobile app for the latest and greatest session schedule and details

Day 1 | 9:00AM – 5:00PM PDT

	Workshop 1	Workshop 2	Builder's Session 1	Builder's Session 2	Chalk Talk 1	Chalk Talk 2	Chalk Talk 3	Chalk Talk 4
9:00AM	DAT211-R1 **Build a serverless, event-driven architecture with AWS services** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** Databases	CON207 **Amazon EKS immersion workshop** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Architect **Topic:** Modern Application - Containers + Serverless			DAT207 **Enable machine learning predictions in applications with Amazon Aurora ML** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** Databases	ANA207 **Observing logs and traces with Amazon OpenSearch Service** **Level:** 200 - Intermediate **Persona:** Architect, Data Analyst/Engineer **Topic:** Analytics	BSI203 **Modernize your BI and reporting with Amazon QuickSight** **Level:** 200 - Intermediate **Persona:** Data Analyst/Engineer, Data Scientist **Topic:** Business Intelligence	CHP208 **The future of computational fluid dynamics in the cloud** **Level:** 300 - Intermediate **Persona:** Data Analyst/Engineer, Architect **Topic:** EC2 Compute
9:30AM			DAT205-R1, R2, R3, R4 **Boost your application performance on Amazon RDS with Amazon ElastiCache** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** Databases	MBG205-R1, R2, R3, R4 **Break ASP.NET MVC monolithic application into independent services** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Emerging Tech **Topic:** Migrations				
10:00AM					APP209 **Intelligent document processing in lending and insurance industries** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Technical business leader **Topic:** AI/ML	ANA208 **Next-generation data sharing in Amazon Redshift** **Level:** 200 - Intermediate **Persona:** Architect, Data Analyst/Engineer **Topic:** Analytics		
10:30AM							MBG204 **Designing an AWS architecture for your mainframe workloads** **Level:** 200 - Intermediate **Persona:** IT Administrator, Technical business leader **Topic:** Migrations	CHP209 **Training a 1T-parameter model using Amazon EC2 P4d instances and PyTorch** **Level:** 200 - Intermediate **Persona:** Data Scientist, Technical business leader **Topic:** EC2 Compute
11:00AM								
11:30AM	AIM216 **Develop your ML project with Amazon SageMaker** **Level:** 200 - Intermediate **Persona:** Data Scientist, Developer (applications/software) **Topic:** AI/ML	SEC205 **Data perimeter workshop** **Level:** 200 - Intermediate **Persona:** InfoSec, IT Administrator **Topic:** Security	IOT204-R1, R2, R3, R4 **Building interactive video experiences with Kinesis Video Streams** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Emerging Tech **Topic:** IoT	ANA205-R1, R2, R3, R4 **Building data lake visualizations with Amazon Athena and Amazon QuickSight** **Level:** 200 - Intermediate **Persona:** Data Analyst/Engineer, Developer (applications/software) **Topic:** Analytics	CON204 **Thinking serverless: From business problem to serverless solution** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Architect **Topic:** Modern Application - Containers + Serverless	ANA209 **DemystifYing data lake governance** **Level:** 200 - Intermediate **Persona:** Data Analyst/Engineer, Technical business leader **Topic:** Analytics		
12:00PM							DAT208 **Building microservices applications with Amazon MemoryDB** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Technical business leader **Topic:** Databases	ROB204 **Patterns for cloud-enabled robots** **Level:** 200 - Intermediate **Persona:** Emerging Tech, Developer (applications/software) **Topic:** Robotics
12:30PM			MBG203-R5, R6, R7, R8 **Break ASP.NET MVC monolithic application into independent services** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Emerging Tech **Topic:** Migrations	IOT204-R5, R6, R7, R8 **Building interactive video experiences with Kinesis Video Streams** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Emerging Tech **Topic:** Analytics	CMP207 **Large-scale batch processing with AWS Batch** **Level:** 200 - Intermediate **Persona:** Data Analyst/Engineer, Architect **Topic:** EC2 Compute	IOT205 **Designing next-generation vehicle communication platforms with AWS IoT** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Emerging Tech **Topic:** IoT	EUC204 **Abolish capacity management and reduce costs with Amazon AppStream 2.0** **Level:** 200 - Intermediate **Persona:** IT Administrator, Developer (applications/software) **Topic:** End User Computing	ANA210 **Streaming analytics differentiation with AWS streaming data services** **Level:** 300 - Intermediate **Persona:** Data Analyst/Engineer, Architect **Topic:** Analytics
1:00PM								
1:30PM	DAT211-R2 **Build a serverless, event-driven architecture with AWS services** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** Databases	CON208 **Servicelessness: Building an event-driven application from the ground up** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Architect **Topic:** Modern Application - Containers + Serverless			MAD203 **Amazon's DevOps culture** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Developer (applications/software) **Topic:** Modern Application - DevOps	AIM211 **Exploring new Amazon Personalize releases** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Technical business leader **Topic:** AI/ML	SEC203 **Be frugal and get more out of your service control policies** **Level:** 200 - Intermediate **Persona:** InfoSec, IT Administrator **Topic:** Security	STG205 **High-performance block storage with Amazon EBS** **Level:** 300 - Intermediate **Persona:** IT Administrator, Technical business leader **Topic:** Storage
2:00PM			CMP206-R1, R2, R3, R4 **Amazon Lightsail: A simple way to run applications** **Level:** 200 - Intermediate **Persona:** New to the Cloud, Developer (applications/software) **Topic:** EC2 Compute		BIZ203 **Unify inbound, outbound, and self-service with Amazon Connect** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Developer (applications/software) **Topic:** Business Applications	EUC205 **Best safety practices for Amazon WorkSpaces, WorkSpaces Web & AppStream 2.0** **Level:** 200 - Intermediate **Persona:** IT Administrator, InfoSec **Topic:** End User Computing	AIM210 **Implementing MLOps practices with Amazon SageMaker** **Level:** 200 - Intermediate **Persona:** IT Administrator, Developer (applications/software) **Topic:** AI/ML	COP211 **Automate operations management on AWS** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, IT Administrator **Topic:** Cloud Operations
2:30PM								
3:00PM			ANA205-R5, R6, R7, R8 **Building data lake visualizations with Amazon Athena and Amazon QuickSight** **Level:** 200 - Intermediate **Persona:** Data Analyst/Engineer, Developer (applications/software) **Topic:** Analytics	CMP206-R5, R6, R7, R8 **Amazon Lightsail: A simple way to run applications** **Level:** 200 - Intermediate **Persona:** New to the Cloud, Developer (applications/software) **Topic:** EC2 Compute				
3:30PM								
4:00PM								
4:30PM								
5:00PM								

	Breakout Session 1	Breakout Session 2	Breakout Session 3	Breakout Session 4	Breakout Session 5	Breakout Session 6	Breakout Session 7	Breakout Session 8	Breakout Session 9	Breakout Session 10	Customer Lightning Talk	DeepRacer Workshop
9:00AM	WAR201 **Optimizing your AWS infrastructure for sustainability** **Level:** 200 - Intermediate **Persona:** Architect, Developer (applications/software) **Topic:** Well-Architected	OPN201 **Sustainability with Rust** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Emerging Tech **Topic:** Open Source	ENT101 **Transformational capabilities to drive your modern digital enterprise** **Level:** 100 - Foundational **Persona:** New to the Cloud, Technical business leader **Topic:** Enterprise (Digital Transformation)	EXC102 **Amazon's culture of innovation** **Level:** 100 - Foundational **Persona:** Technical Business Leader, New to the cloud **Topic:** Exec/Greenfield	STG101 **Driving innovation and insight with AWS storage** **Level:** 100 - Foundational **Persona:** Technical Business Leader, IT Administrator **Topic:** Storage	CHP202 **What's new in Amazon EC2** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, New to the cloud **Topic:** EC2 Compute	AIM201-R1 **Generate ML predictions without writing any code** **Level:** 200 - Intermediate **Persona:** Data Analyst/Engineer, Data Scientist **Topic:** AI/ML	MBG201 **Migrate and modernize enterprise workloads with AWS** **Level:** 200 - Intermediate **Persona:** IT Administrator, Technical business leader **Topic:** AI/ML	ANA203 **Data warehousing reinvented for today's needs** **Level:** 200 - Intermediate **Persona:** Architect, Data Analyst/Engineer **Topic:** Analytics	DAT201 **Amazon RDS and Amazon Aurora: New innovations in 2022** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** Databases	IND206 **Accelerating clinical trial digital innovation at Sumitomo Dainippon Pharma** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, New to the cloud **Topic:** Industry	DPR203-R1 **Kick-start your ML journey by going hands-on with AWS DeepRacer** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** DeepRacer
9:30AM												
10:00AM												
10:30AM	EXC206 **High-velocity decision-making** **Level:** 200 - Intermediate **Persona:** New to the Cloud, Technical business leader **Topic:** Exec/Greenfield	AIM206 **Prepare data and model features for ML with ease, speed, and accuracy** **Level:** 200 - Intermediate **Persona:** Data Scientist, Data Analyst/Engineer **Topic:** AI/ML	DAT204 **Transformational capabilities to drive your modern digital enterprise** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Technical business leader **Topic:** Databases	IDE101 **Diversity in the cloud: How AWS approaches inclusion, diversity, and equity** **Level:** 100 - Foundational **Persona:** Technical Business Leader, AWS Partner **Topic:** IC&E	MKT101 **Accelerating innovation with third-party solutions on AWS** **Level:** 100 - Foundational **Persona:** Technical Business Leader, IT Administrator **Topic:** Marketplace	ENT202 **Using experience-based acceleration to achieve your transformation** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, New to the cloud **Topic:** Enterprise (Digital Transformation)	CMP103 **Pushing the boundary of the cloud to the edge** **Level:** 100 - Foundational **Persona:** Technical Business Leader, Architect **Topic:** EC2 Compute	IND201 **Engage your customers with live streaming built on AWS** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), New to the cloud **Topic:** Industry	AIM202 **Use Amazon SageMaker to build high-quality ML models faster** **Level:** 200 - Intermediate **Persona:** Data Scientist, Developer (applications/software) **Topic:** AI/ML	EGR101 **AWS China: Extend your success for growth** **Level:** 100 - Foundational **Persona:** Technical and Business Leader, Architect **Topic:** Enterprise	DAT210 **Pearson digitally transforms education on AWS** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, New to the cloud **Topic:** Databases	DPR203-R2 **Kick-start your ML journey by going hands-on with AWS DeepRacer** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** DeepRacer
11:00AM												
11:30AM	IOT101-R1 **Delivering business outcomes with digital twins** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Emerging Tech **Topic:** IoT	EXC104 **Amazon.com on AWS overview** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, New to the cloud **Topic:** Exec/Greenfield	MAD201 **Best practices for continuous testing and observability** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), IT Administrator **Topic:** Modern Application - DevOps	CMP201 **AWS for virtually every application** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Developer (applications/software) **Topic:** EC2 Compute	ANA201 **Understanding and achieving a modern data architecture** **Level:** 200 - Intermediate **Persona:** Architect, Data Analyst/Engineer **Topic:** Analytics	ISV101 **Creating a managed, governed, and secure SaaS foundation on AWS** **Level:** 100 - Foundational **Persona:** Architect, Developer (applications/software) **Topic:** ISV	NET201 **AWS networking fundamentals: Set up your global network** **Level:** 200 - Intermediate **Persona:** Architect, Developer (applications/software) **Topic:** Networking & Global Infrastructure	DPR101 **Accelerate your team's machine learning journey with AWS DeepRacer** **Level:** 100 - Foundational **Persona:** Technical Business Leader, New to the cloud **Topic:** DeepRacer	ELEC201 **Implementing modern DaaS solutions to enable remote workers** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, New to the cloud **Topic:** End User Computing	CON205-R1 **The powerful simplicity of Amazon ECS** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Architect **Topic:** Modern Application - Containers + Serverless	CHP212 **Transforming biopharmaceutical manufacturing with AWS Outposts** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Architect **Topic:** EC2 Compute	
12:00PM												
12:30PM	DAT202 **Modernize your applications with purpose-built AWS databases** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Technical business leader **Topic:** Databases	ANA202 **Amazon EMR Serverless, big data framework for data science** **Level:** 200 - Intermediate **Persona:** Data Scientist, Data Analyst/Engineer **Topic:** Analytics	ISV202 **Identity provider ISV integrations with Amazon Managed Grafana** **Level:** 200 - Intermediate **Persona:** Architect, Developer (applications/software) **Topic:** ISV	AIM103 **Solve common business problems with AWS AI/ML** **Level:** 100 - Foundational **Persona:** Technical Business Leader, Developer (applications/software) **Topic:** AI/ML	BIZ101 **Unleash innovation in your contact center with Amazon Connect** **Level:** 100 - Foundational **Persona:** Technical Business Leader, IT Administrator **Topic:** Business Applications	ISV101 **Enable BI for everyone with Amazon QuickSight Q** **Level:** 100 - Foundational **Persona:** Data Analyst/Engineer, Data Scientist **Topic:** Business Intelligence	CON201 **You have a container image: Now what?** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Architect **Topic:** Modern Application - Containers + Serverless	AIM212 **Conversational AI: The art of the possible** **Level:** 200 - Intermediate **Persona:** Technical and Business Leader, Emerging Tech **Topic:** AI/ML	IND322 **Reinvent operations and the digital transformation playbook** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), New to the cloud **Topic:** Industry	DAT206 **Amazon Neptune: Using graphs to gain security insights** **Level:** 200 - Intermediate **Persona:** Technical business leader, Developer (applications/software) **Topic:** Databases	COP212-R1 **Expedia's hyperscale database as a service** **Level:** 200 - Intermediate **Persona:** IT Administrator, Architect **Topic:** Cloud Operations	
1:00PM												
1:30PM							SEC201 **Threat detection operationalization with AWS security** **Level:** 200 - Intermediate **Persona:** InfoSec, IT Administrator **Topic:** Security	FWM201 **AWS Amplify: Visually build extensible, full-stack apps faster on AWS** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Front-End Web & Mobile **Topic:** Front-End Web & Mobile	ROB201 **Advance robotics and autonomous systems with AWS** **Level:** 200 - Intermediate **Persona:** Emerging Tech, Developer (applications/software) **Topic:** Robotics	COP208 **Implementing resiliency with AWS Cloud Operations** **Level:** 200 - Intermediate **Persona:** Architect, Technical business leader **Topic:** Cloud Operations	ANA213 **How Airbnb reduces debugging and mitigation time, improving user experience** **Level:** 200 - Intermediate **Persona:** Developer (applications/software), Data Analyst/Engineer **Topic:** Analytics	
2:00PM												
2:30PM							SEC202 **Protect your workloads from DDoS attacks with AWS Shield Advanced** **Level:** 200 - Intermediate **Persona:** InfoSec, Developer (applications/software) **Topic:** Security	IOT101-R2 **Delivering business outcomes with digital twins** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Emerging Tech **Topic:** IoT	IOT102 **Building connected vehicle and mobility platforms with AWS** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Emerging Tech **Topic:** IoT	EXC105 **AI/ML at Amazon.com** **Level:** 100 - Foundational **Persona:** Technical Business Leader, New to the cloud **Topic:** Exec/Greenfield	ANA214 **How Calm used Amazon Personalize to increase daily mindfulness practice** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Developer (applications/software) **Topic:** AI/ML	
3:00PM												
3:30PM											CHP213 **Boost performance and reduce costs for the Domo Business Cloud with AWS** **Level:** 200 - Intermediate **Persona:** Technical Business Leader, Developer (applications/software) **Topic:** EC2 Compute	
4:00PM												
4:30PM												
5:00PM												

Personas

Architect

An IT Architect, driven by business requirements, designs and architects technology solutions and systems for organizations. IT Architectures are often depicted as a series of documents such as high-level/low-level designs accompanied by methodical diagrams that demonstrate how the many moving parts of IT systems will inter-connect to provide a complete solution. IT Architects define the specifications, implementation road map and other guidelines to be passed on to operations teams to implement.

Data Analyst/Engineer

As analyst, this person queries databases/data warehouses for sales numbers, market research, logistics, linguistics, or other business information. They bring technical expertise to ensure data quality and accuracy, they process, design and present it to help people and organizations make better decisions. As engineer, this person builds and operates data architectures leveraged by data science and data analyst teams. They develop processes to model, mine and production data. They develop and robust data pipelines to integrate with databases, data warehouses, or data lakes, transforming data into information.

Data Scientist

A Data Scientist combines analytical, statistical and mathematical skills to discover trends and new Business) insights in large sets of structured and unstructured data. They apply software engineering skills to collect and process the data, building machine learning and statistical models, leveraging industry and domain knowledge to interpret the results, helping companies make data-driven decisions to drive business strategy.

Developer (applications/software)

A developer (aka software engineer) is an individual that builds software. They write, debug and execute the source code and think of how the cloud can help them develop applications (backends, frontends, webs, mobile/device apps) better, with profiles including low-code citizen developers, legacy developers, or cloud-native developers. They may also be involved in automating and speeding up the software release cycle (DevOps).

IT Administrator

An IT Admin implements, manages, and maintains IT systems, ensuring that systems remain up and running at all times, often working on a 24/7 rotations. They analyze and observe logs, alarms and troubleshoot issues that arise. In better, with profiles including low-code citizen developers, legacy developers, or cloud-native developers. They may also be involved in automating and speeding up the software release cycle (DevOps).

InfoSec

A Security professional includes multiple specialties like AppSec, Compliance, Security Engineering, Security Operations Analysts, Security Architects, Consultants and Auditors. Though the responsibilities differ for the individual roles, the goal of this group is to maintain a high IT security bar and manage the risk associated with the software and systems that an organization is running.

New to the cloud

Getting started in the cloud can help you achieve your business goals. Whether you're trying to reach new customers, gain audience insights, streamline your operations, or make your IT environment more secure, this track will help small and medium businesses through to enterprise organizations accelerate.

Emerging Tech

A technical, curious in nature, individual who enjoys experimenting with some of the latest technologies out there (Robotics, Blockchain, IoT, Edge Computing, Quantum Technologies, Satellite, and more), and are interested in building and testing disruptive and new implementations, services, and use cases, while expanding their knowledge and core coverage areas.

Business and Technical leader

You make challenging decisions that impact how the company operates, and you determine outcomes that best benefit the company, your employees, and customers. This track will help you discover how AWS helps you accelerate your transformations to meet your business objectives.

AWS Partner

This track helps AWS Partners navigate their journey within the AWS Partner Network (APN). Learn how you can help build, market, and sell your AWS-based offerings, and how to leverage AWS technologies to serve your customers' needs.