

11:15-12:00

12:15-13:00

13:15-14:00

14:15 – 15:00

DOP203: HOW EDF ENERGY BUILT A DEVOPS PRACTICE ON AWS

Steve Bowerman, Principal Software Engineer – EDF Energy
Alex Dimitrov, Solutions Architect – Amazon Web Services
Andrew Cochrane, Senior Solutions Architect – Amazon Web Services

Join us alongside EDF Energy UK as we explore their journey to build a DevOps practice within a large Enterprise, delivering a more agile approach to Software Engineering. In this session we will look at the spark for change within the organisation and the steps EDF have taken to reach their goal, including recruitment, talent development, controlling costs, how to measure success, tooling and ways of working. You will hear what AWS services you can leverage to advance your own journey and guidance on how to get started. A must for leaders considering a similar transformation, or already on one!

15:15-16:00

16:15-17:00

AIM314: ACCELERATE YOUR GENERATIVE AI JOURNEY WITH AMAZON SAGEMAKER JUMPSTART

Vikesh Pandey, Gen AI/ Specialist Solutions Architect - Amazon Web Services
Trishanka Saikia, Technical Account Manager) - Amazon Web Services

With new models landing every week, it is becoming a challenge to access all of them in a secure way from a single place. Join to this session to learn how Amazon SageMaker JumpStart provides access to 100s of foundations models, with capabilities to easily deploy them and even fine-tune some of them.

11:15-12:00

CMP201: HARNESS THE POWER OF AWS TO BUILD GAME-CHANGING APPLICATIONS

Gunnar Grosch, Principal Developer Advocate - Amazon Web Services
Sarah Johnson, ESM (M-UKI) - Amazon Web Services

Organizations in every industry are looking to solve bigger challenges, turn groundbreaking ideas into reality, and deliver innovative solutions at scale. This requires an infrastructure that scales limitlessly, delivers high performance at optimized costs, and supports constant innovation. In this session, learn how organizations are using the secure, innovative, and performant AWS Cloud to build game-changing applications. With the broadest and deepest functionality for compute, AWS can support the needs of even the most demanding workloads to run complex ML models, leverage generative AI, or implement applications that require large-scale high performance computational power at low costs.

12:15-13:00

DOP302: EXPERIENCE THE FUTURE OF DEVELOPMENT WITH NEXT-GENERATION DEVELOPER TOOLS

Chris Williams, Senior Solutions Architect - Amazon Web Services
Askar Serikov, Solutions Architect - Amazon Web Services
Vincent Dagoury, Chief Technology Officer, AXA

Curious what next generation development experience feels like? Want to understand how it will level-up your productivity? Find out for yourself as this session immerses you through the perspective of a software engineer solving their work tasks with the help of AWS developer tools. You will witness how generative AI services like Amazon Q and Amazon CodeWhisperer can efficiently tackle complex problems within minutes. Also observe how the challenge of context switching between development toolchains is streamlined through the unified development environment of Amazon CodeCatalyst.

13:15-14:00

AIM305: BOOSTING MARKETING CONTENT WITH GENERATIVE AI: HOW TUI SCALED UP AND ENHANCED QUALITY

Nikolaos Zavitsanos, Data Scientist - TUI
Paul Armstrong, Lead Architect - Amazon Web Services

Customers expect personalised, interactive experiences when booking travel online. This session explores how Generative AI through AWS can create high-quality, brand-aligned content to increase direct site traffic and conversions. Learn how Amazon SageMaker JumpStart, Amazon Bedrock, and Amazon OpenSearch with vector stores streamline content creation and improve quality. Hear how TUI, a global tourism platform serving 21 million travellers, uses Generative AI to automate hotel description generation by fine-tuning language models and implementing human-in-the-loop workflows to augment existing processes for curating personalised content.

14:15 – 15:00

AIM206: NAVIGATING THE FUTURE OF AI: DEPLOYING GENERATIVE MODELS ON AMAZON EKS

David Charter, Platform Engineer - Unitary
Vicky Whittingham, Senior Container Specialist – Amazon Web Services

Generative AI applications are fundamentally transforming how businesses interact with and serve their customers. Many customers are turning to open source tools running on Kubernetes to help accelerate their generative AI journeys. In this session, we'll deep dive into examples of AWS customers running AI/ML workloads on Amazon EKS, including Unitary, who have built a context-aware AI platform on Amazon EKS, analysing billions of video frames per day. Learn how tools like Ray, JupyterHub, Argo Workflows, and Karpenter can accelerate your path to building and deploying generative AI applications on Amazon EKS.

15:15-16:00

AIM211: HARNESSING GENERATIVE AI AGENTS IN FINANCIAL SERVICES WITH TP ICAP

Andrew Shannon, Head of Cloud Services and Platform Architecture - TP ICAP
Gaurav Kaila, Regional Prototyping Manager, UK & Ireland - Amazon Web Services
Ife Ojomo, Prototype Architect - Amazon Web Services

AI agents mark a significant breakthrough in Generative AI. They excel in complex problem-solving, logical reasoning, and task execution. Unlike traditional AI, they can autonomously make decisions and access external systems to execute tasks- including databases, APIs, and documents. Learn how TP ICAP, a leader in financial services, liquidity, and data solutions, developed an innovative AI Agent-based chatbot solution. This chatbot aids in resolving operational incidents, delivering dynamic responses to internal queries within minutes. In this session you will learn how to implement autonomous agent architectures, empower them with task-specific tools, and best practices for automation and production deployment.

16:15-17:00

KUB201: ARCHITECTING CONTAINER SOLUTIONS WITH AWS

Natasha Wright, Senior Container Specialist - Amazon Web Services
Robert Northard, Senior Container Specialist Solution Architect - Amazon Web Services

Business needs change over time, with changing priorities or technological advances, so organisations need to react quickly to build, rebuild, and build again against a backdrop of changing infrastructure or application requirements. In this session, we'll discuss how to architect container solutions with AWS, keeping flexibility, and portability front and centre. So, if and when needs change, your architectural principles don't have to.

11:15-12:00

ARC201: BUILD YOUR MULTI-REGION ARCHITECTURE ON AWS

Stuart Bunyan, Director, Real Time Architecture - London Stock Exchange Group (LSEG)
Giorgio Bonfiglio, Principal TAM - Amazon Web Services
Rohit Singh, Senior Solutions Architect - Amazon Web Services

A multi-Region architecture can help improve your application's availability but comes with a new set of challenges, including managing deployments, dependencies, data replication and consistency. Your observability, testing and operational practice needs to evolve to support the new environment. In this session, we'll review design principles and best practice to expand to multiple Regions, and explore how this type of architecture can be deployed to improve resilience and end-user latency. We'll share real world examples and discuss of how the London Stock Exchange Group runs their Real-Time Optimized (RTO) workload across multiple regions to achieve the highest possible resiliency.

12:15-13:00

AIM303: HOW ASTRAZENECA ACCELERATES DIGITAL DIAGNOSTICS WITH MLOPS ON AMAZON SAGEMAKER

Gabriel Domínguez Conde, Director Diagnostic Computer Vision - AstraZeneca
Hasan Poonawala, Senior AI/ML Specialist Solutions Architect - Amazon Web Services

Developing AI-based digital diagnostics to optimize patients' journeys in an accurate, affordable, and globally accessible is an unmet need. Learn how AstraZeneca uses MLOps on Amazon SageMaker to streamline the development of predictive diagnostics algorithms for oncology focusing on digital pathology. Explore how this framework aligns with regulatory standards, ensures reproducibility and automates ML lifecycle. See how this methodology helps reduce the risk of failures in clinical trials, helps to expand access to new therapies for patients and reduce diagnostic candidate development from months to weeks. Additionally, Generative AI aids in report generation for efficient diagnostic validation review.

13:15-14:00

DAT201: BUILDING ML-POWERED SEARCH EXPERIENCES USING VECTOR CAPABILITIES ON AMAZON OPENSEARCH FOR LYST

Amir Shamsuddin, Director of Engineering - Customer Relationships and Acquisition - Lyst
Francisco Losada, OpenSearch SA - Amazon Web Services

In recent years, ML techniques have become increasingly popular to enhance search use cases. Among them are the use of embedding models with vectors to find the most semantically similar documents and enable use cases such as semantic search, RAG, recommendation engines and rich media search. Join this session to explore how Lyst benefited from the transformational impact of using OpenSearch Service as a Vector Database for scalable and future proof AI applications such as Personalisation.

14:15 – 15:00

ANT205: ACTIVATING ARRIVA'S DATA STRATEGY WITH MODERN REPORTING CAPABILITIES ON AMAZON QUICKSIGHT

Gavin Clark, Head of BI and Data Platforms – Arriva
Reagan Pickering, Data Lead – Arriva
Steve Warner, Head Of Business Intelligence – Arriva
Jonathan Preston, WW GTM Specialist Amazon QuickSight – Amazon Web Services

Join this session to learn how modernising legacy reporting applications to Amazon Quicksight can help deliver a unified user experience at scale. We will hear from Arriva on the challenges they faced in putting their data to use with their existing reporting application. AWS will share some of the new capabilities that Amazon Quicksight is bringing to the users such as GenerativeBI to help create compelling stories to drive decision-making.

15:15-16:00

CST201: MONZO'S JOURNEY TO EKS OPTIMISATION WITH KARPENTER AND EC2 SPOT

Miles Bryant, Senior Platform Engineer - Monzo
Mike Dukes, Efficient Compute Senior Specialist - Amazon Web Services

Join us alongside Monzo, as we explore Optimisation with EKS through Karpenter, EC2 Spot and Graviton. This session will first cover how Karpenter can help you reduce complexities and improve efficiency in Kubernetes clusters, explore how to leverage EC2 Spot (AWS spare-capacity) as a purchase option and introduce Graviton instance types to further optimise whilst improving sustainability. Once we cover the overview, hear from Monzo about their recent zero-downtime migration to EKS, how they leveraged Karpenter to simplify management and scaling of clusters and adopted EC2 Spot to save on their compute spend with added resiliency.

16:15-17:00

ANT307: BEST PRACTICES FOR ANALYTICS AND GENERATIVE AI ON AWS

Lydia Ray, Senior Analytics SA – Amazon Web Services
Ismail Makhlof, Senior Analytics SA – Amazon Web Services

There's never been a better time to work with data in the cloud. Rapid adoption of new data architecture patterns and creative breakthrough technologies such as generative AI are rapidly moving data and analytics to the cloud. Organizations want to be cost-efficient while maximizing performance and are looking for guidance on data strategy and data pipeline optimization to build a strong data foundation for their analytics and generative AI applications. In this session, hear best practices across core AWS analytics services to swiftly and economically get answers from all your data.

11:15-12:00

ANT302: DIFFERENTIATING WITH DATA: HOW CHASE SCALED FROM 0 TO MILLIONS OF CUSTOMERS IN 2 YEARS WITH TRANSACTIONAL DATA LAKE AND SERVERLESS ANALYTICS ON AWS

Bijan Fathi, Head of Data & Analytics - Chase UK
Altaf Hussain, Sr. Analytics SA, UKI - Amazon Web Services

In just over 2 years, Chase UK has grown to be an award-winning digital bank with over 2 million customers and are adding more customers and features every day. How did we do it? By embracing a cloud-native approach to data from the start. In this session we will discuss our cloud-native data plane and how using serverless analytic services like Athena, S3, and Glue we can quickly build a scalable transactional data lake, derive insights, create effective customer journeys, and industry-leading customer acquisition and retention

12:15-13:00

KUB302: ACCELERATE YOUR KUBERNETES JOURNEY WITH AMAZON EKS

David Mohar, Platform Technical Owner - Sportradar
Olly Pomeroy, Sr. Developer Advocate - Amazon Web Services
Grace Shaffi, Solutions Architect - Amazon Web Services

In this session, hear how Amazon EKS provides AWS customers with production-grade Kubernetes. Organizations need to scale clusters to support the size of their businesses. Teams across organisations may also want to modernise their applications using Kubernetes and need guidance and support establishing the right security guardrails and best practices. Learn how SportRadar modernised their container platform by migrating from kOps to Amazon EKS. Hear the challenges they faced during their migration, how they overcame them, and the benefits the Amazon EKS based platform brings to their organization.

13:15-14:00

AIM208: DRIVE PERSONALIZED CX USING GENERATIVE AI AND AMAZON PERSONALIZE

Katie McGowan, Product Manager – Innovation & Sustainability - Selfridges
Anna Gruebler – Senior AI Specialist SA - Amazon Web Services
Raesh Sripathi, Senior Solutions Architect – Amazon Web Services

Delivering the best experience is critical to capture and retain customers today. With generative AI, it is possible to hyper-personalize targeted recommendations for shopping and streaming. While standard taglines like "People who bought this also bought . . ." or "Because you watched . . ." entice some, they don't fully address individual interests. Companies must find ways to dynamically generate compelling, highly customized content. Amazon Personalize delivers capabilities powered by ML and generative AI to help brands create meaningful experiences. Join this session to hear from powerhouse AWS retail customer Selfridges and learn how hyper-personalized experiences can be used to build engagement and drive revenue.

14:15 – 15:00

CMP302: ARM'S SUCCESS STORY OF DRIVING INNOVATION THROUGH HPC ON AWS

Loïc Perron, Senior Director, Hardware Engineering - ARM Limited
Jurgen Hofkens, EMEA Head of Compute Solutions Architecture – Amazon Web Services
Louis Demerliac, Efficient Compute Business Development Manager - Amazon Web Services

The ubiquitous availability of High-Performance Compute (HPC) and Accelerated Compute capacity in the cloud has sparked rapid innovations in development of precision medicines and cancer treatments, development of electrical vehicles and new aircrafts, and more sustainable and cost-effective designing with Electronic Design Automation (EDA). Join this session to learn about how these innovations have been delivered with AWS's HPC services and purpose-built processors (Graviton). Learn directly from Arm, world's biggest chip design company, how they leveraged the scale and flexibility of AWS to overcome challenges on compute capacity constraints, significantly reduce time to market, and reduce carbon footprint, by running EDA workloads on AWS.

15:15-16:00

AIM212: ENHANCE YOUR DOCUMENT WORKFLOWS WITH GENERATIVE AI

Nick Morgan, Chief Technology Officer – Williams Lea
Mayur Udermani, Principal AI/ML Specialist – Amazon Web Services

Data classification, extraction, and analysis can be challenging for organizations that deal with volumes of documents. Traditional document processing solutions are manual, expensive, error-prone, and difficult to scale. AWS intelligent document processing (IDP) uses industry-leading machine learning (ML) technology to quickly and accurately process data from any document or image. Generative AI complements Amazon Textract to augment your IDP workflows with additional capabilities. In this session, hear a case study of Centene, which provides access to high-quality healthcare, innovative programs, and a wide range of health solutions. Learn how Centene improves their document-centric workflows and business productivity while reducing costs using Amazon Textract and generative AI capabilities.

11:15-12:00

14:15 – 15:00

12:15-13:00

ANT203: AMAZON REDSHIFT POWERING FANDUEL'S SUCCESS DURING PEAK SPORTING EVENTS

Kate Kim, Senior Data Director – FanDuel

Sidhanth Muralidhar, Principal Technical Account Manager - Amazon Web Services

Amazon Redshift has been constantly innovating over the last decade to give you a modern, massively parallel processing cloud data warehouse that delivers the best price performance, ease of use, scalability, and reliability. In this session, learn about Amazon Redshift's technical innovations that has helped FanDuel run critical workloads during peak sporting events

15:15-16:00

SUS301: SUSTAINABLE ARCHITECTURE: PAST, PRESENT, AND FUTURE

Natalie Jones, Director of Digital Identity - Government Digital Service

Romy van Es, Partner Solutions Architect - Amazon Web Services

Since the launch of the sustainability pillar of the AWS Well-Architected Framework in 2021, the attention to environmental sustainability has grown as a key non-functional requirement of cloud workloads. This session revisits the pillar and its best practices. In this session learn how Government Digital Services (GDS) are architecting for sustainable outcomes in order to meet the UKs 2050 net-zero goals and learn how you can build a sustainability showback mechanism for your application teams and drive change.

13:15-14:00

ANT304: AVIVA'S JOURNEY FROM LEGACY TO MODERN DATA WAREHOUSING ON AMAZON REDSHIFT

Colin Bertram, Platform Designer, Data and Analytics Platform (DAP) - Aviva

Adam Gatt - Sr. Redshift SA, EMEA - Amazon Web Services

Many organisations are looking to adopt modern data warehouses on Amazon Redshift to benefit from scalability, cost advantages and enabling innovation with data through capabilities around workload isolation, support for diverse data types, ease of management and ML-based automations. The path to modernising your Data Warehouse can be challenging and often unclear. Join this session to understand how to migrate your legacy Data Warehouse to Amazon Redshift and hear about Aviva's experiences on this journey..