

# AWS Learning Days

State, Local, and Education

## Sacramento Grand Sheraton

1230 J St | Sacramento, CA

June 5, 2025

*Agenda subject to change*

## Agenda

Time	Room	Session description
8:00 AM – 9:00 AM	Magnolia Foyer	<b>Registration and breakfast</b>
9:00 AM – 10:00 AM	Magnolia	<b>Keynote and panel discussion</b>
10:15 AM – 4:15 PM	Magnolia Foyer	<b>Collaboration Space</b> Activities include Ask an Expert, AWS partners and collaborators, co-working space, complimentary refreshments, Wi-Fi, and more.
<b><u>Executive track</u></b>		
10:15 AM – 11:15 AM	Bataglieri	<b>Cybersecurity trends and best practices</b> Cyber events continue to be a prevailing issue impacting Public Sector organizations. The cascading effects can be devastating to the citizens and residents within a state. This session will cover cyber trends across government and education sectors, and how organizations are working to overcome these issues by applying best practices and leveraging collective defense.
11:15 AM – 11:30 AM		Break
11:30 AM – 12:30 PM		<b>Generative AI/ML and AI governance for the public sector</b> AWS generative AI offers public sector customers advanced AI solutions, enhancing public services, streamlining operations, ensuring data privacy, and driving innovation for smarter, efficient governance. In this session, we will also discuss the intentional actions that will ensure the development, deployment and use of AI are done in a responsible manner.
12:20 PM – 1:30 PM	Magnolia	Lunch
1:30 PM – 3:00 PM		<b>How to become a data-driven public sector organization</b> Public sector organizations are increasingly leveraging AI/ML capabilities to integrate and analyze large volumes of data to make intelligence informed decisions. A common challenge faced by these organizations is developing an effective enterprise data strategy that supports data-driven initiatives. Achieving success involves a shift in mindset, organization of people and processes for large-scale innovation, and technology deployment that drives mission value in alignment with strategic goals. In this session, you will explore modern data strategy best practices and use cases, along with a guided activity designed to assist your organization transition to becoming data-driven.
3:00 PM – 3:15 PM		Break
3:15 PM – 4:15 PM		<b>People and Organizational Change Management</b> In this exciting seminar, we will share tips and strategies for how to successfully navigate the most difficult element of change management: people. With extensive background in organizational change management (working with hundreds of customers through their buyer journey), our speaker is well versed in how to inspire groups of people through difficult organizational change. This content will help you capitalize on technology to help you manage change, as well as cover how to help people feel comfortable with technological change in the organization.

## Artificial intelligence (AI) and machine learning (ML) track

### Concurrent sessions

10:15 AM – 11:15 AM	Magnolia	<b>Practical AI for Public Sector (200 level)</b> Public sector customers are trying to understand the purposes, relevancy, and implications of applying generative AI technology to their business challenges. In this session, you will learn about AWS's approach and capabilities with generative AI. Common public sector & higher education use cases where generative AI can be applied and considerations for using AI in a responsible manner.  Suggested self-paced pre-learning: <a href="https://explore.skillbuilder.aws/learn/course/external/view/elearning/19578/fundamentals-of-machine-learning-and-artificial-intelligence">https://explore.skillbuilder.aws/learn/course/external/view/elearning/19578/fundamentals-of-machine-learning-and-artificial-intelligence</a>
11:15 AM – 11:30 AM		Break
11:30 AM – 12:30 PM		<b>Generative AI Masterclass (300 level)</b> This masterclass covers the evolution of GenAI technology, practical implementation strategies from prompt engineering to fine-tuning, and critical considerations for production deployment. Demystify common terms and understand why they are important to your outcomes. Learn how to build robust data foundations, implement responsible AI practices, and establish effective GenAI operations in your organization. Discover real-world applications with insights on navigating security, governance, and scalability challenges.
12:20 PM – 1:30 PM	Magnolia	Lunch
1:30 PM – 3:00 PM		<b>Workshop: Building Agentic Workflows on AWS (300 level)</b> This workshop is designed for builders ready to create Agentic Workflows on AWS. Agentic Workflows enable large language models (LLMs) to act autonomously, performing tasks or providing assistance on behalf of users. In this workshop, you'll learn to leverage capabilities in Amazon Bedrock to create chatbot workflows. Incorporate features such as orchestrator to manage multiple agents in parallel.  This is a 300-level workshop targeted at software developers. Familiarity with AWS Lambda, using the terminal, and Python coding is helpful. No AI/ML experience is necessary.
3:00 PM – 3:15 PM		Break
3:15 PM – 4:15 PM		<b>Increase productivity and satisfaction with an intelligent contact center (200 level)</b> Adding intelligence to your call center can help you better understand your customer and improve your overall service ratings. AWS and AWS Partners provide a broad set of integrated solutions powered by ML so you can build seamless customer experiences that reduce operational costs, increase agent productivity, and improve customer satisfaction. In this session, learn how AWS Cloud-based contact center solutions can modernize your contact center and drive operational advances and customer satisfaction.

## Data and analytics track

### Concurrent sessions

10:15 AM – 11:15 AM	Camelia	<b>Building a modern data strategy (200 level)</b> Data is growing exponentially and coming in more diverse formats than ever before. This makes it challenging to extract value. A modern data strategy can help you manage, act on, and react to your data so you can make better decisions, respond faster, and uncover new opportunities. In this session you will learn about the AWS Modern Data Strategy. <b>How to modernize your data infrastructure, how to unify data by breaking down silos, and how to leverage machine learning (ML) to reduce the burden of manual processing and analytics.</b>  Suggested self-paced pre-learning: <a href="#">Data Engineering on AWS - Foundations</a>
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11:15 AM – 11:30 AM		Break
11:30 AM – 12:30 PM		<p><b>AI/ML for data and analytics (200 level)</b></p> <p>Organizations view analytics, AI, and ML as a continuum. This continuum enables them to make data-driven decisions across all levels of their enterprise and guides them in defining their customer experience. Within each of these organizations, there are multiple use cases, data types, users, and applications that require different tools. In this session, learn about the services, tools and techniques of employing AI and ML to provide an end-to-end data analytics strategy for the public sector.</p>
12:30 PM – 1:30 PM	Magnolia	Lunch
1:30 PM – 3:00 PM		<p><b>Workshop: The power of GenAI in data transformation and visualization (200 level)</b></p> <p>In this workshop, participants will transform data in an existing data lake using Q for Developers in AWS Glue and then use Amazon Q in QuickSight to create insights, data stories and more.</p>
3:00 PM – 3:15 PM		Break
3:15 PM – 4:15 PM		<p><b>Data foundations in the era of GenAI (300 level)</b></p> <p>Generative AI has created many new opportunities both for improving data analytics capabilities and also for delivering impactful solutions that draw on the vast amounts of data organizations possess to create unique experiences for their constituents and powerful autonomous solutions to improve their business processes. In this session, you will learn about how you can leverage your existing data environment and evolve a strong data foundation and governance to enable and differentiate your Generative AI solutions and to benefit from the advanced capabilities Generative AI brings to your data &amp; analytics operations.</p>

## Cloud fundamentals track

### *Concurrent sessions*

10:15 AM – 11:15 AM	Tofanelli	<p><b>Large-Scale Migration and Modernization with AWS: Lessons Learned and Best Practices (100 level)</b></p> <p>Customers of every size and industry type are moving to the cloud to increase their security, agility, cost efficiency, scalability, and ability to deploy more easily. In this session we will cover the AWS governance strategy, and the tools and services available to customers to meet their security needs and control objectives.</p>
11:15 AM – 11:30 AM		Break
11:30 AM – 12:30 PM		<p><b>Cloud architectural patterns: Platform and application best practices (200 level)</b></p> <p>Explore foundational cloud architecture principles for building secure, reliable, and operationally excellent platform and applications on AWS. This introductory session provides a comprehensive overview of core cloud design strategies, covering essential architectural patterns, security best practices, and operational frameworks. Learn how to create robust, scalable cloud infrastructure that meets enterprise-grade performance, security, and reliability standards.</p> <p>Suggested self-paced pre-learning: <a href="#">Getting Started with AWS Security, Identity, and Compliance SkillBuilder Course</a>, <a href="#">AWS Cloud Practitioner Essentials</a></p>
12:30 PM – 1:30 PM	Magnolia	Lunch
1:30 PM – 3:00 PM		<p><b>Cloud Lab Potpourri: Multi-Path AWS Hands-On Workshop (200 level)</b></p> <p>Dive into a flexible, choose-your-own-adventure cloud lab experience. Participants will have the opportunity to explore and practice multiple AWS technical workshops ranging from beginner to intermediate complexity. Select from pre-configured lab environments covering topics such as building servers, security &amp; threat detection, network design, and containerization techniques. <b>Each participant can customize their learning journey based on skill level and interests. Bring your own laptop to participate</b></p>
3:00 PM – 3:15 PM		Break

3:15 PM – 4:15 PM

### **Designing modern applications in AWS (300 level)**

By using modern cloud native architectures, your organization can benefit from value such as reduced operational overhead, reduced costs, improved scalability, and stronger security footprint. Learn how leveraging serverless architectures can help you achieve better outcomes.

Suggested self-paced pre-learning: [Introduction to Serverless Development](#)