

# **AWS State, Local, and Education Learning Days**

North Carolina



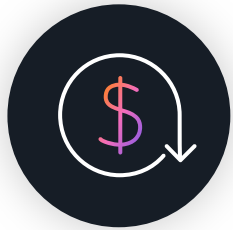
# Intelligent Document Processing Workshop

**Anel Perez(He/Him)**

Sr. Solutions Architect  
AWS  
anelpere@amazon.com

**Faster document processing shortens decision cycles and drives material ROI by enabling enterprises to **streamline business operations, boost employee productivity and enhance customer experiences.****

## IDP ROI Proofpoints



**Reduced  
cost**

[HealthFirst](#) automated medical chart extraction resulting in 10-20x revenue savings



**Improved  
accuracy**

[Paytm](#) extracts user data from documents with **97%** accuracy with Amazon Textract



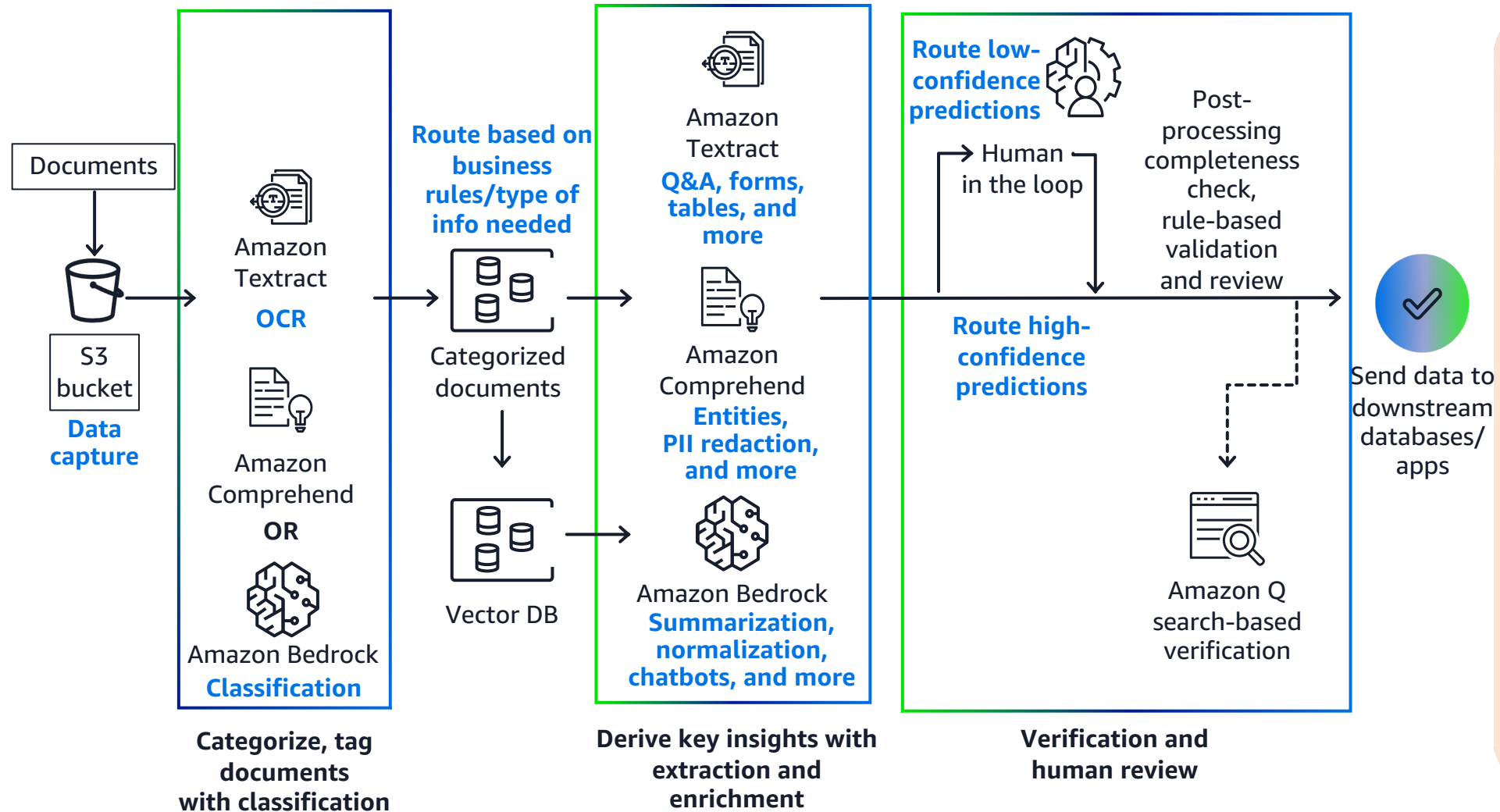
**Improved  
productivity**

[Elevance Health](#) automated classification of attachments for claims process by **90%**

# Typical IDP Pipeline involves multiple Phases



# Example Document pipeline with AWS IDP and generative AI



## How to get started

Developers can easily embed AI-powered functionality from Textract and Comprehend into your business workflows and apps

Engage your data science team for FM selection, evaluation and tuning based on your generative AI use case

Link your gen AI/FM modules with AWS IDP (e.g., through chaining) to create an end-to-end document processing pipeline

# Let's build a solution!

# Getting started with this workshop



You have access to an AWS account with any optional pre-provisioned infrastructure and IAM policies needed to complete this workshop.



The AWS account is only available for the duration of this workshop. **You will lose access to the account once the workshop is complete.**

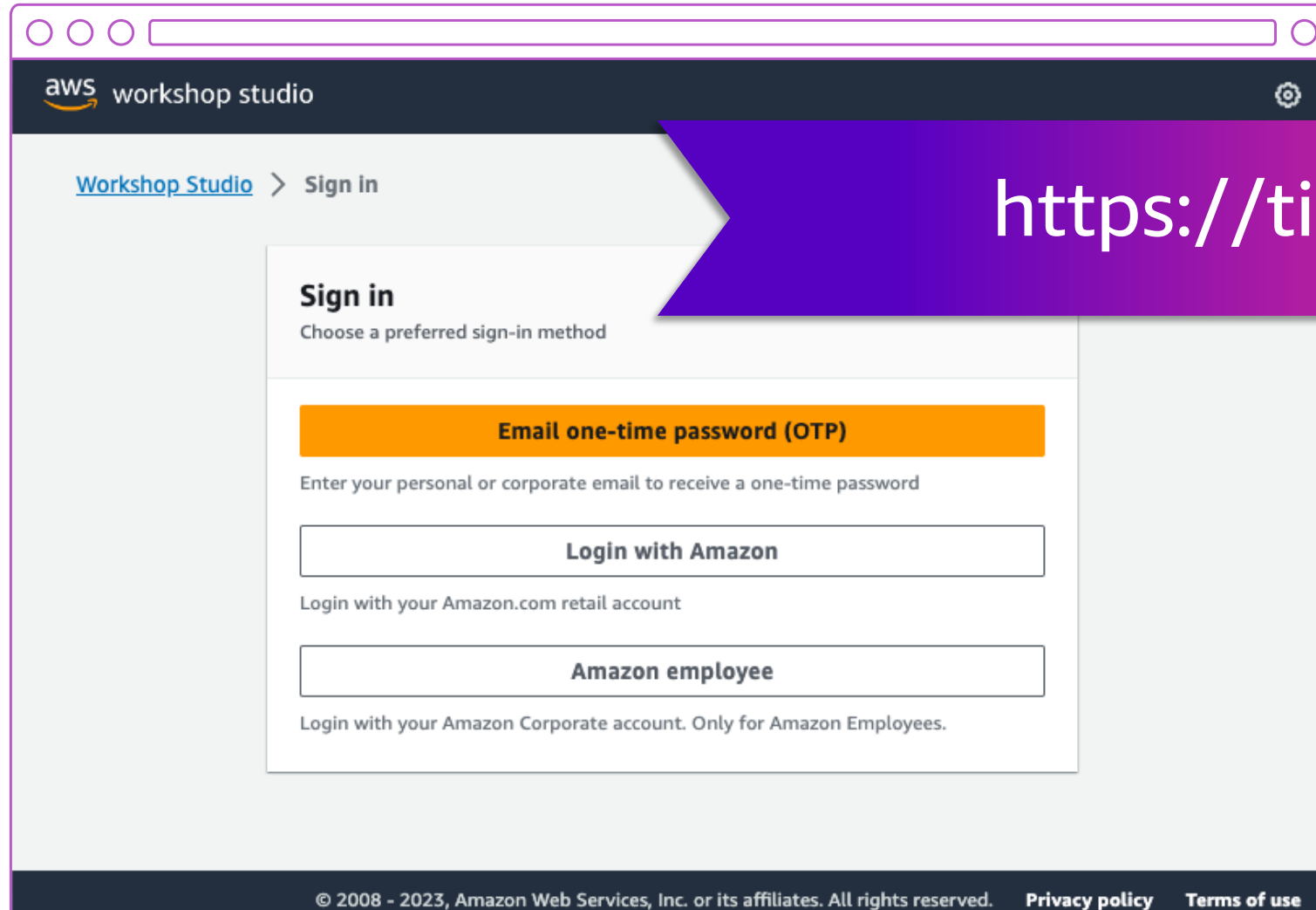


Any optional pre-provisioned infrastructure is deployed to a specific AWS Region. Make sure that you are working in this Region; other Regions are blocked.



Review the terms and conditions of the event. **Do not upload any personal or confidential information to the account.**

# Step 1: Sign in using your preferred method



The screenshot shows a web browser window with the AWS Workshop Studio sign-in page. The browser's address bar is empty. The page header includes the AWS logo and 'workshop studio' text. Below the header, a breadcrumb trail shows 'Workshop Studio' followed by a right-pointing chevron and 'Sign in'. The main content area is titled 'Sign in' with the subtitle 'Choose a preferred sign-in method'. There are three sign-in options, each in a white box with a thin border: 1. 'Email one-time password (OTP)' in an orange box, with the instruction 'Enter your personal or corporate email to receive a one-time password'. 2. 'Login with Amazon' in a white box, with the instruction 'Login with your Amazon.com retail account'. 3. 'Amazon employee' in a white box, with the instruction 'Login with your Amazon Corporate account. Only for Amazon Employees.' The footer contains the copyright notice '© 2008 - 2023, Amazon Web Services, Inc. or its affiliates. All rights reserved.' and links for 'Privacy policy' and 'Terms of use'.

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[Workshop Studio](#) > Sign in

## Sign in

Choose a preferred sign-in method

**Email one-time password (OTP)**

Enter your personal or corporate email to receive a one-time password

**Login with Amazon**

Login with your Amazon.com retail account

**Amazon employee**

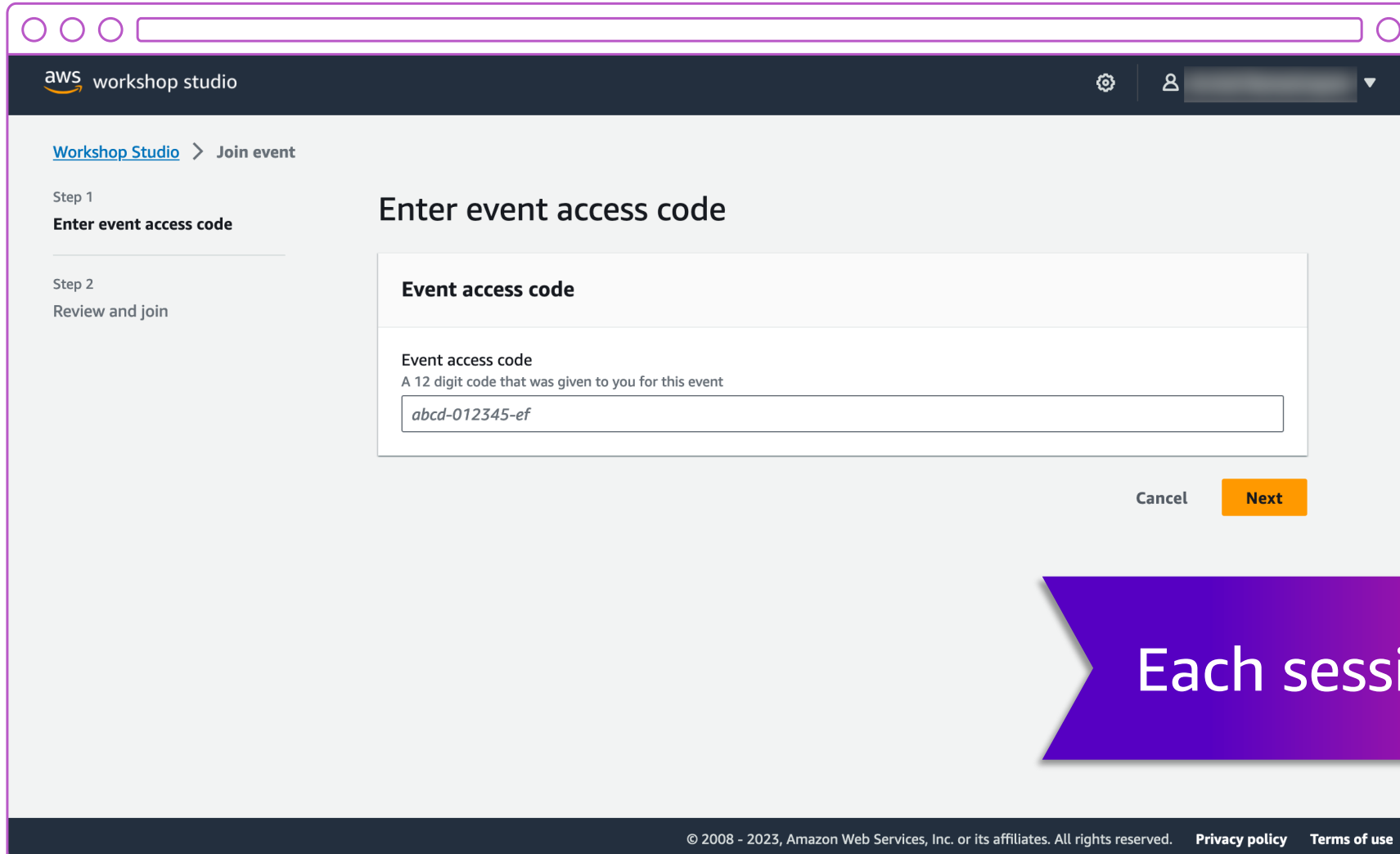
Login with your Amazon Corporate account. Only for Amazon Employees.

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<https://tinyurl.com/...>



# Step 2: Enter the event access code



The screenshot shows the AWS Workshop Studio interface. At the top, there's a navigation bar with the AWS logo and 'workshop studio' text. Below this, a breadcrumb trail shows 'Workshop Studio > Join event'. The main content area is titled 'Enter event access code'. On the left, a sidebar lists 'Step 1: Enter event access code' (which is highlighted) and 'Step 2: Review and join'. The main form area has a title 'Event access code' and a description: 'Event access code: A 12 digit code that was given to you for this event'. Below this is a text input field containing the code 'abcd-012345-ef'. At the bottom right of the form, there are two buttons: 'Cancel' and 'Next'.

aws workshop studio

Workshop Studio > Join event

Step 1  
Enter event access code

Step 2  
Review and join

## Enter event access code

**Event access code**

Event access code  
A 12 digit code that was given to you for this event

abcd-012345-ef

Cancel Next

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Each session has a unique code

# Step 3: Review terms and join event

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Workshop Studio > Join event

Step 1  
[Enter event access code](#)

Step 2  
**Review and join**

## Review and join

### Event details

Name	Start time	Duration	Level
re:Invent 2023 Workshop	8/28/2023 10:59 AM	12 hours	100

Description  
Workshop at re:Invent 2023

### Terms and Conditions

Read and accept before joining the event

Read and accept before joining the event:

- By using AWS Workshop Studio for the relevant event, You agree to [the AWS Event Terms and Conditions](#) and the [AWS Acceptable Use Policy](#).
- If You are under 18 years old, You may participate in the relevant event, using AWS Workshop Studio: (a) if you are at least the minimum age below based on the country or region in which you reside, and (b) with the involvement of a parent, guardian or educator.

Country or region	Minimum age
All countries or regions not listed below (including United States, Brazil, UK, and India)	13
China, Republic of Korea (South Korea)	14
Australia	15
Japan, Switzerland, Vietnam, and countries in the European Economic Area	16
Azerbaijan, Bolivia, Colombia, Dominican Republic, Indonesia, Lebanon, Malaysia, Mexico, Montenegro, Nepal, Philippines, Thailand, Turkey, and countries in Africa	18

- You acknowledge and agree that You are using an AWS-owned account that You will be only be able to access during the relevant event. You have no ownership rights over this AWS-owned account.
- During the relevant event, while using this AWS-owned account, You will not use, import, input, or introduce any data, dataset, or other material that contains personal data, financial information, or any other data or materials that may be subject to laws and regulations (such as the General Data Protection Regulation or The Health Insurance Portability and Accountability Act of 1996).
- If You find residual resources or materials in this AWS-owned account, You will notify Your Event Operator immediately.
- AWS, its affiliates and any entities or persons acting on AWS's behalf, reserves the right to terminate this AWS-owned account and to delete its contents at any time, without any notice to You.
- During the relevant event, while using this AWS-owned account, You will not: process or run any operation on any data other than test datasets or lab materials that have been approved by AWS.
- You will not copy, import, export or otherwise create derivative works of materials provided by AWS for use outside of the event.
- AWS, its affiliates and any entities or persons acting on AWS's behalf, has no obligation to enable the transmission of Your materials through AWS Workshop Studio, and may, in its discretion, edit, block, refuse to post, or remove Your materials at any time, without notice to You.
- If You are an AWS Partner, using AWS Workshop Studio as part of Your participation in the AWS Partner Network Program, Your use of AWS Workshop Studio is governed by these terms, the AWS Partner Network Terms and Conditions, and Your applicable customer agreement with AWS.
- Your use of AWS Workshop Studio will comply with these terms and all applicable laws. If You fail to comply with any of these terms, Your access to AWS Workshop Studio may be immediately terminated, without notice to You.

☒ I agree with the Terms and Conditions

Cancel

Previous

Join event

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# Step 4: Access AWS account

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Intelligent Document Processing with AWS AI Services event

Intelligent Document Processing with AWS AI Services

Getting Started

Level 1 - Intelligent Document Processing

Level 2 - Industry Use Cases

Level 3 - Document Processing at Scale

Level 4 - Intelligent document processing using Generative AI with Amazon Textract and Amazon Bedrock

Cleanup

Summary

Access Amazon SageMaker console

Access AWS Cloud9 console

Access Amazon StepFunctions Console

Amazon Intelligent Document Processing (IDP)

AWS account access

Open AWS console (us-west-2)

Get AWS CLI credentials

Exit event

Event dashboard > Intelligent Document Processing with AWS AI Services

Intelligent Document Processing with AWS AI Services event

Event information

Start time

11/03/2024 05:07 PM

Duration

72 hours

Accessible regions

us-west-2, us-east-1

Description

Event for content Intelligent Document Processing with AWS AI Services

Workshop

Title

Intelligent Document Processing with AWS AI Services [Official]

Complexity level

300

AWS services

Amazon Augmented AI (A2I), Amazon Comprehend, Amazon Textract

Topics

Machine Learning (ML/AI)

Get started

Description

In this workshop, we will dive deep into each of the phases of an IDP workflow with solutions on how to implement each step using AWS AI services. We will have hands-on labs to familiarize you with AWS AI services (Amazon Textract, Amazon Comprehend, and Amazon Augmented AI) to build your own solution.

Event Outputs (2)

Search

< 1 > ⚙

Key	Value	Stack name	Description	Type
Password	[REDACTED]	aws-idp-vscode-server	VSCode-Server Password	output
URL	https://[REDACTED].cloudfront.net/?folder=/Workshop	aws-idp-vscode-server	VSCode-Server URL	output

Access the AWS Management Console or generate AWS CLI credentials as needed

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# Thank you!

**Anel Perez(He\Him)**

Sr. Solutions Architect  
AWS

anelpere@amazon.com

**Please complete the survey  
for this session**



**AI/ML**

Intelligent Document  
Processing

