Computer vision: Amazon Rekognition

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Computer vision is the automated extraction of information fromdigital images
With tools like **AWS Amazon Rekognition**, we can unlock insights from images and videos. This presentation explores how harnessing this **power** can transform industries and enhance decision-making processes.

Some of the primary use cases for computer vision include

Public safety and home security

Autonomous driving

Medical imaging

Algorithms for Face Recognition

Eigenfaces

Fisherfaces

DeepFace

FaceNet

Amazon Rekognition is a computer vision service based on deep learning. You can use it to add image and videoanalysis to your applications

AmazonRekognition enables you to perform the following types of analysis:

Searchable image and video libraries

Face-based user verification

Sentiment and demographic analysis

Key Features of Rekognition

Can add powerful visual analysis to your applicationIs
highly scalable and continuously learns
Integrates with other AWS services

Amazon Rekognition can also search for known faces.
To use this feature, you must train the model by providinga collection of images to use. After you train the model, you can then detect those people in images that you provide.
To find known faces, you must first create a collection and then add faces to the collection. Amazon Rekognition will perform facial recognition on the images that you provide and will return typical information like the bounding box coordinates or confidence score.

Thanks!