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## Model card - ueba-cnn-gru-card

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### Model card overview

Model card version

10

KMS encryption key

-

Model card status

Approved

Model card ARN

arn:aws:sagemaker:us-east-1:308842842840:model-card/ueba-cnn-gru-card

Created date

9/2/2026, 11:04:08 pm

### Model overview

Model name

UEBA-CNN-GRU

Inference environment

-

Model description

Hybrid CNN-GRU UEBA Model. RESULTS: [Accuracy: 0.4996 | Loss: 0.6933 | Data: 955,533 records].

Problem type

Anomaly Detection

Model versions

9

Algorithm type

CNN-GRU Hybrid

Model ARN

UEBA-CNN-GRU

Model creator

Sethuraman Krishnasamy

Model artifacts

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Model owner

Student Developer

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### Business details

Business problem

Insider threat detection through User &amp; Entity Behavior Analytics (UEBA). Identifies anomalous user patterns indicating potential security breaches, data exfiltration, or privilege abuse in enterprise environments.

Business stakeholders

- VOC LABS Security Team - Sethuraman Krishnasamy (ML Engineer / Model Owner) - SOC (Security Operations Center) Analysts - CISO / Security Leadership - IT Compliance Team - Data Privacy Officer

Line of business

Cybersecurity / Insider Threat