GURUCUL
PREDICTIVE SECURITY ANALYTICS

# Gurucul STUDIO™

DATA SHEET

## Gurucul STUDIO™

Create custom machine learning models without coding and minimal knowledge of data science. Gurucul STUDIO provides a step-by-step graphical interface to select attributes, train models, create baselines, set prediction thresholds and define feedback loops. STUDIO as part of Gurucul Risk Analytics (GRA) supports an open choice for big data and a flex data connector to ingest any on-premises or cloud data source for desired attributes. Step outside the black box and create custom models for your own predictive security analytics needs.

***"Private data and use cases, plus federal and military customers benefit from Gurucul STUDIO, to create custom models without coding and a minimal knowledge of data science."***

- Saryu Nayyar
CEO Gurucul

## Why consider Gurucul STUDIO?

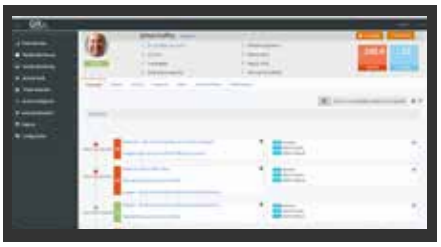
- Create custom user and entity behavior analytics (UEBA) models
- Reduce access risks with custom identity analytics (IdA) models for unique data sets
- Address cloud and hybrid confidential use cases with custom cloud security analytics (CSA) models
- Analyze on-premises and cloud data from standard network and CASB sources including: AD, mainframe, applications, most cloud applications including SaaS, PaaS, IDaaS
- Design multiple models, test, optimize and implement those that best meet your needs
- Create new behavior models requiring no coding and a minimal knowledge of data science

GURUCUL | 222 N. SEPULVEDA BLVD., SUITE 1322, EL SEGUNDO, CA 90245 | 213.259.8472 | INFO@GURUCUL.COM | WWW.GURUCUL.COM

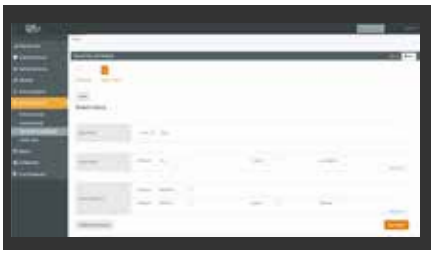
## Gurucul STUDIO features and benefits

- Advanced Analytics Framework™ provides step-by-step guidance
- Flex Data Connector enables data ingestion of legacy and unique data
- Open big data choice for on-premises or cloud environments
- Predictive security analytics capabilities on any dataset
- Analytic Response Codes™ (ARC) provide standardized anomaly representation for API integration
- Configurable business friendly risk and threat descriptions within UI for security analysts
- Optimize and tune models for lab, test and production environments
- Empower internal security analysts, programs and data science teams

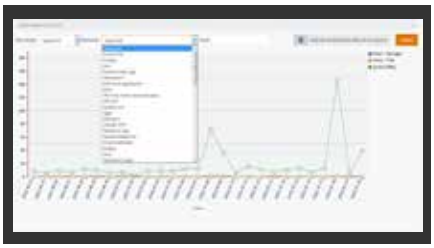
## Extended value from Gurucul STUDIO



*Expand beyond out-of-the-box machine learning models and use cases*



*Set model attributes, training, prediction, and risk weights for risk scoring*



*Leverage patent-pending dynamic peer group clustering for outlier accuracy*

## Leverage STUDIO within Gurucul Risk Analytics

- Create custom models for over 30 use cases within GRA
- Customize risk weightings for out-of-the-box models within GRA
- Protect privacy with data masking within UI, reports and workflow stages
- Protect data with role-based access controls, data tokenization and encryption
- Leverage custom data visualizations for enhanced reporting and communications
- Develop automated closed-loop responses with bi-directional API integration
- Leverage custom models in Self-Audit reports to collaborate with end users
- Focus on security, behavior, identity or privilege analytics within custom models

## About Gurucul

Gurucul is changing the way enterprises protect themselves against insider threats, account compromise, and data exfiltration on-premise and in the cloud. The company's user behavior analytics and identity access intelligence technology uses machine learning and predictive anomaly detection algorithms to reduce the attack surface for accounts, unnecessary access rights and privileges, and identify, predict and prevent breaches. Gurucul technology is used globally by large enterprises in finance, banking, insurance, manufacturing, hi-tech, pharmaceutical and retail.

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