ADF.
POWERED BY BLINDSPOT.AI

Finding suspicious events, actions, and behavior with Anomaly Detection and Explanation Platform

Enterprise platform utilizing artificial intelligence for detecting outliers, anomalies, and unwanted behavior in large and complex data.

Addressable businees needs

detection of anomalies in computer network data

ADF platform will help you to wade through streams of data from various systems in your computer network. ADF is able detect novel cybersecurity threats or novel malware types. We apply anomaly detection to detect problems in performance of critical devices, such as servers or databases, or applications vital for a smooth operation of your company.

detection of fraud and hidden risks in financial and audit data

Anomalies in financial data typically signify possible fraud or misconduct. ADF will also help you to find errors and unmatched records in financial transactions, wade through company balance sheets to reveal hidden risks and if applied to attendance reports, you can understand issues in employee's performance.

improving quality of products and uptime of production lines

ADF analyses data from sensors on production lines, looking for early warnings leading to a potential malfunction. ADF can help you with product quality management by inspecting manufactured product properties in real-time. ADF helps you to improve your manufacturing process by comparing final product test data against manufacturing data and pinpoint manufacturing process inefficiencies.

Key benefits

ability to detect anomalies in real-time

Detection time of a problem reduced from days/hours to minutes/seconds.

ability to process terabytes of data in parallel

Scaling up the inspection/ audit process by orders of magnitude.

streamlining the inspection/audit workflow

Automation of process inspection and issue detection.

visualization and explanation of the problems detected

Keeping decision-makers, operators, and analysts in charge.

Main technical features

modular architecture
We can customize the platform easily such that it detects the problems you are looking for.

extensible problem detection system
We designed a large number of detectors specialized in different types of problems and anomalies.

easy to use REST API
The platform can be accessed by other systems easily.

easy connection to your digital ecosystem
The system can be connected with your databases or existing systems for straightforward communication.

on-premise, cloud or hosted options
We provide you with the most fitting solution. We can deploy the platform to any major cloud provider (including Amazon AWS, Google Cloud, Microsoft Azure and others).

How we deploy ADF

1.
STEP 1
We connect the platform to the data sources to be analyzed.

2.
STEP 2
We customize the detectors to detect (only) relevant problems.

3.
STEP 3
We connect the platform to your reporting system, and we customize graphical user interface.

4.
STEP 4
We integrate the system into your infrastructure and your processes.

5.
STEP 5
We provide continuous maintenance and support.

Case study: detecting fraudulent insurance events

Many insurance companies struggle with efficient fraud detection process. We customized ADF to detect fraudulent events and we plugged ADF next to the existing rule-based fraud detection system to enhance the process without modifying the workflow.

Kooperativa
Vienna Insurance Group

"Thanks to Blindspot we have realized how to unlock power of data and AI.
Particularly helpful was experience with claim data that demonstrated how we can leverage machine learning algorithms to empower our fraud detection process."

Zdeněk Macháček (MBA, Chief Security Officer)

ČSOB Pojišťovna

"We have been thinking about applying artificial intelligence to innovate our fraud detec-tion process.
Blindspot supported us in this initiative and demonstrated how machine learning can uplift our fraud detection efficiency."

Jan Řezníček (Head of claims)

The Top-Quality AI Services Provided by Blindspot.AI

Blindspot.AI is a highly professional team of AI experts delivering end-to-end implementations of AI systems for multinational companies and startups. Blindspot is your partner in adopting and using AI in any area of business processes.

ARTIFICIAL INTELLIGENCE BUSINESS CONSULTING

CUSTOM AI SOLUTION DEVELOPMENT

MACHINE LEARNING / DATA SCIENCE TEAM

Founded in 2014 in Prague
Czech Republic

Member of group
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