

AntiFraud – Business entities and transaction analytics - Overview of the solution

AntiFraud - Business entities and transaction analytics is an anti-abuse risk estimation tool that through supports organizations in large-scale, real-time investigation of economic patterns. Its goal is to identify data anomalies such as fraud, dishonest contractors or attempts of abuse of, for example, e-commerce systems.

AntiFraud can be used for:

- Financial anomalies detection
- Early detection of suspicious activities and persons
- Monitoring and abuse prevention in E-commerce
- Identification of critical nodes for analytics on social sites
- Real time fraud risk alert and assessment
- AI-based risk scoring system
- Rapid business entity identification
- Detection of tender and procurement frauds

Our solution is based on scalable Microsoft architecture with Azure cloud backing. AntiFraud uses modern data mining techniques such as OCR, Machine Learning, Natural Language Processing, Artificial Intelligence and Data Science to analyze large datasets and produce actionable insights.

The solution is already being used to find and assess abuse such as multiple financing of expenditure incurred by beneficiaries using EU funds

TechStack:

- Microsoft® Azure Services: Azure Optical Character Recognition, Azure Data Lake, Azure Databricks, Azure SQL Database, Azure Data Factory, Azure App Service

The solution is available as a PaaS on Azure!