Bust-Out Fraud Detection
Detect and prevent fraud before it happens

Why Bust-Out Fraud Detection?

- Pre-trained machine learning (ML) models are built and developed for a range of proven common use cases using your existing data. Quickly generate reliable insights within days.
- Industry-specific feature libraries mean that everything is codified to make it easy to reuse and leverage our intellectual property (IP) across multiple use cases.
- Pre-built model configuration make it easy to customize and scale solutions. We have automated full-stage data quality monitoring, model input features, and model performance.
- Our models are cloud agnostic and can be deployed across private, hybrid, and cloud solutions and on-premise without changing your existing workflows.

Product overview

ElectrifAi uses machine learning models to help financial services detect and prevent fraud before it happens using transactional history, payments and non-monetary activity. Leveraging additional data sources, advanced modeling techniques, and decades of experience, we help credit issuers take pre-emptive action by identifying bust-out customers before they occur. Increase the efficiency of bust-out fraud detection by utilizing more data inputs and sophisticated neural network models to find more fraud.

Product features

Neural network models
Our solution increases the efficiency of bust-out fraud detection increased by utilizing more data inputs and sophisticated neural network models to find more fraud.

Predictive modeling
Leverage our “After the Fact” model to accurately assess the real bust-out baseline and build predictive models using the expanded baseline. Then discover estimated savings under various scenarios of analyst capacity.

Capture high risk behavior
Transaction data is examined to create variables based on high-risk merchandise. This information can then be used to capture more granular risk behaviors.

Additional Resources

- ElectrifAI video
- Request a demo
How it works
ElectrifAI delivers outstanding, fast, and reliable results with over 1,000 ready-to-deploy machine learning models that seamlessly integrate into existing workflows. Some of the distinctive technical features of this platform are:

- A non-linear adaptive analytics approach used for credit abuse detection to provide a better predictive power and ability to identify accounts earlier in the cycle.
- Dynamic Bust-out Pattern Analysis identifies interconnected patterns between transaction types and velocity, high risk purchases, and non-monetary information.
- Neural Network Model for Bust-out Prediction significantly improves detection accuracy five days earlier

Differentiators

- **Rapid Time-to-Value**: With comprehensive capabilities to deploy proven ML models, we bring you solutions faster.
- **Machine Learning Factory**: We make the machine learning models, complete the data ingestion, and clean up the data.
- **Real Business Value**: We take our existing models and fit and combine them in a way to address your business needs.

Data Points

- 17 Years of domain experience
- 800% Return on investment
- 1000 Machine learning models
- 100% Reduced risk

Solution available in [AWS Marketplace](https://aws.amazon.com/marketplace/solutions/2875529604966098832)