OpenAML

An open-source initiative to bring transparency and intelligence to on-chain financial crime detection.

AI Anti Money Laundering

$45,000,000,000

Estimated Crypto Value Laundered on 2024

Source: chainalysis.com

Money Laundering Numbers

Money Source

Sanctions Evasion

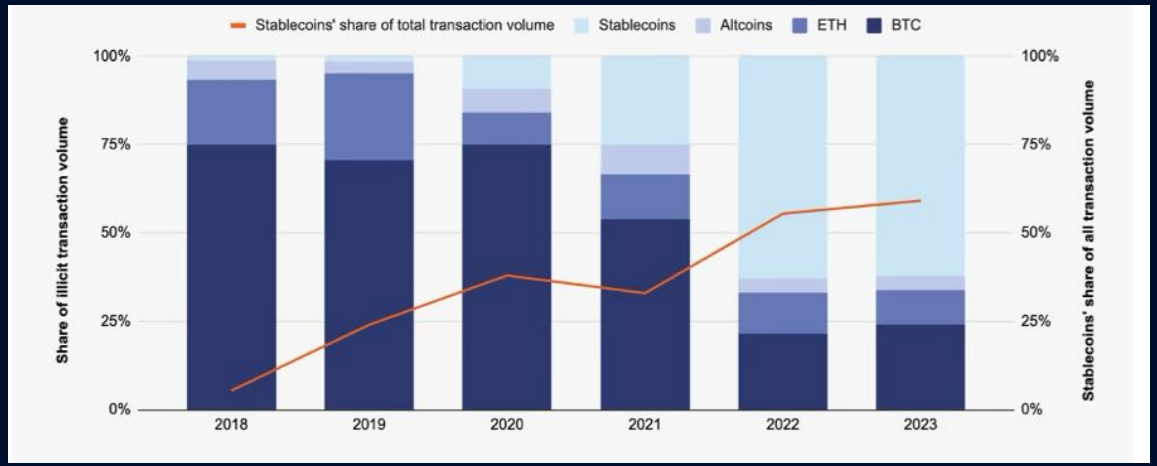
Scam and Fraud

Stolen funds

Bybit $1.5bn

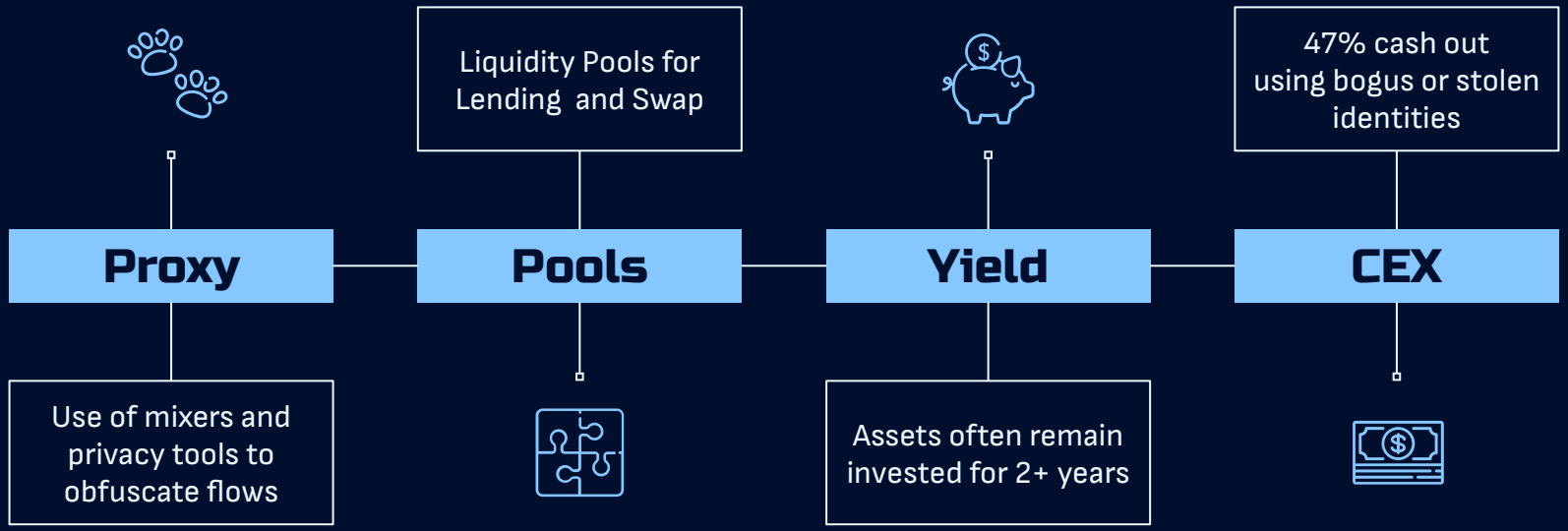
Money Laundering

Stable coin predominance



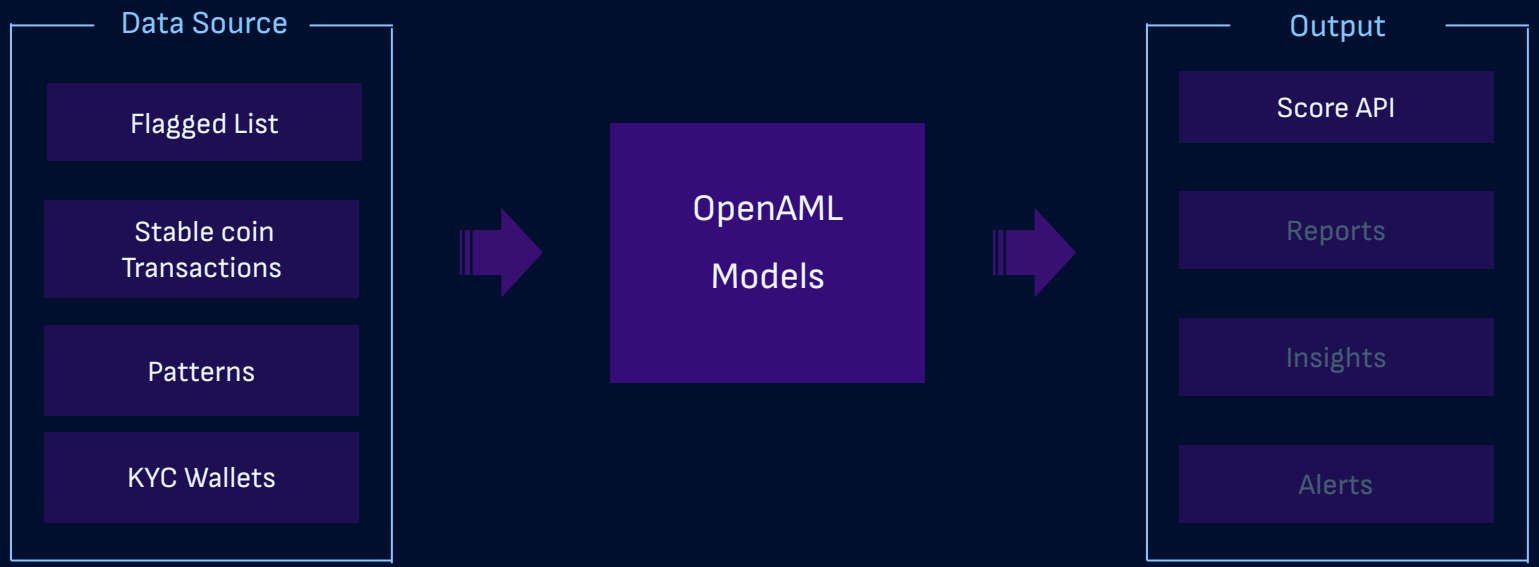
It has become the preferred currency for hacks due to its stability, widespread acceptance across DeFi protocols, strong liquidity, and accessible off-ramp options.

DeFi ecosystem

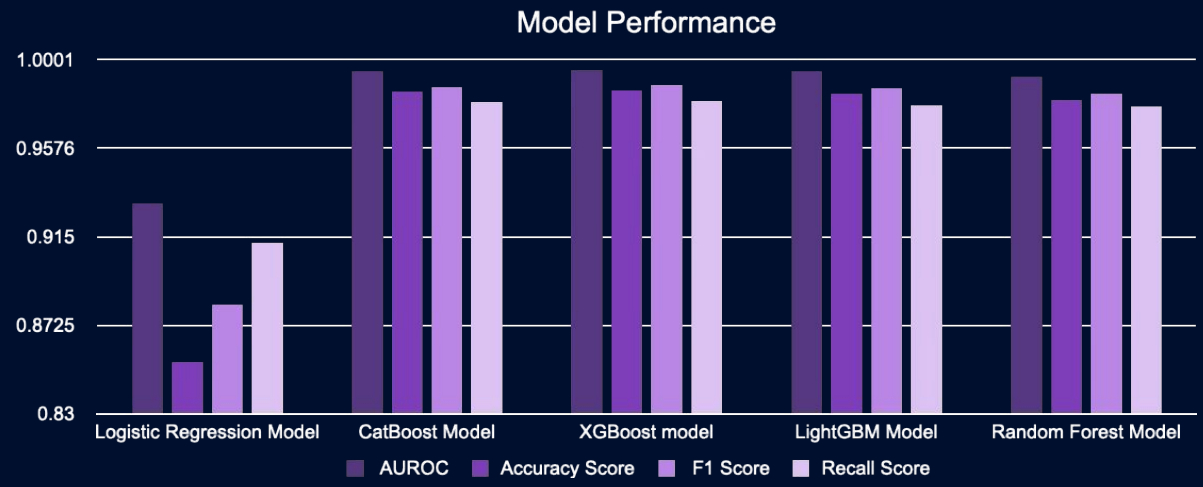


OpenAML Project

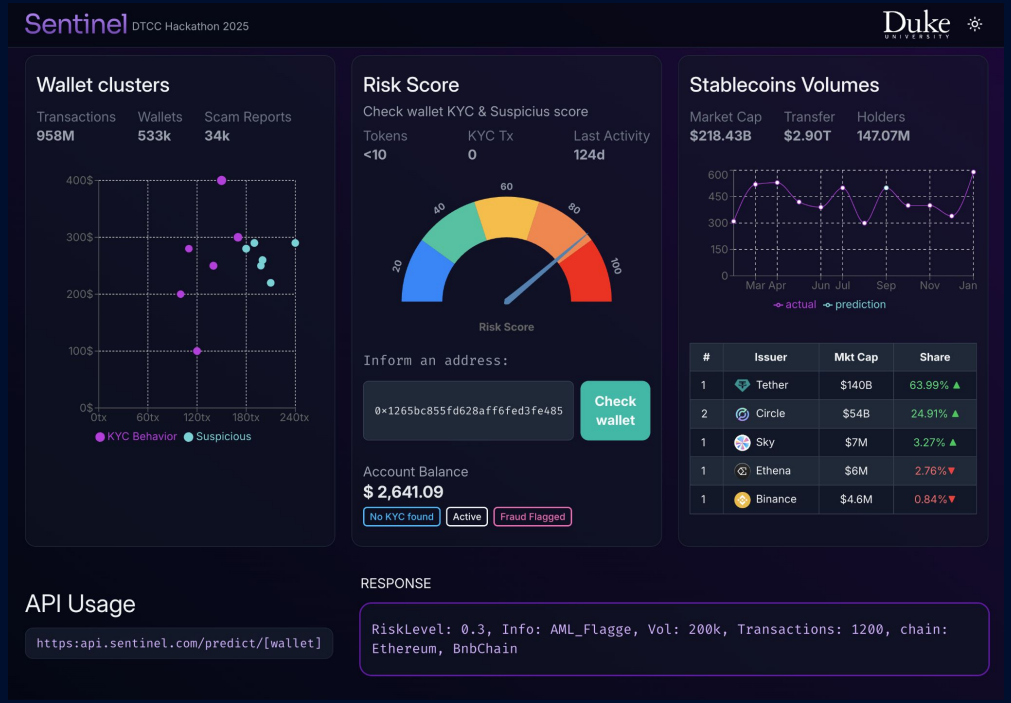
1M Daily on chain transactions



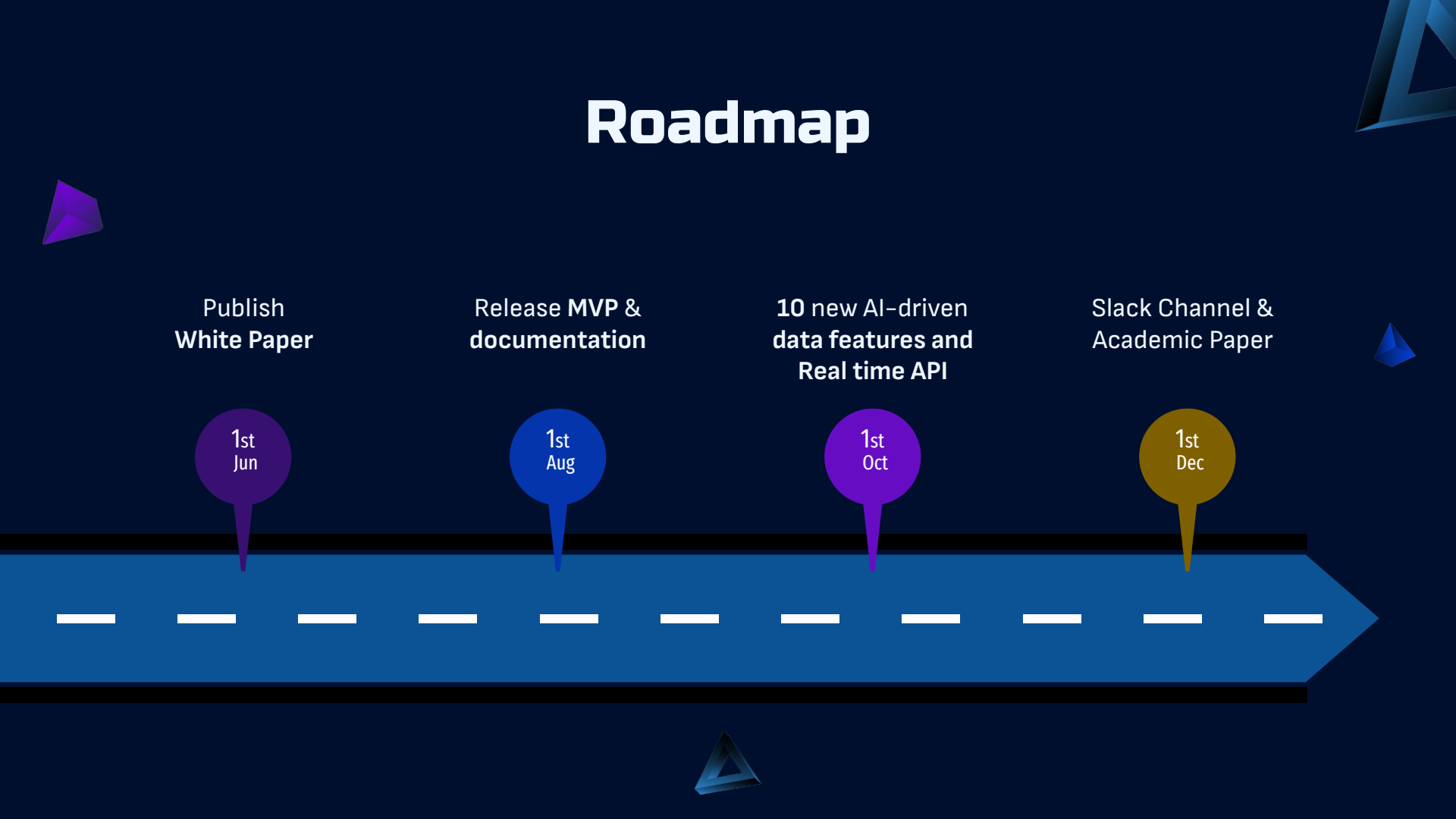
Model Performance



OpenAML Dashboard



Roadmap


Publish
White Paper
1st
Jun
Release MVP &
documentation
1st
Aug
10 new AI-driven
data features and
Real time API
1st
Oct
Slack Channel &
Academic Paper
1st
Dec

Founder Team

Cartier Huang

Finance & Strategy | M.Eng FinTech, Duke

Former analyst at Goldman Sachs and Taiping Asset Management with experience in asset management, financial reporting, and consulting. Background in corporate finance and international business with cross-cultural leadership experience.
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Luciano Juvinski

Tech Founder | Blockchain

Seasoned tech entrepreneur and engineer with over a decade of experience on Data projects focused on blockchain, RWA tokenization, and decentralized finance. Deep expertise in full-stack development and smart contracts.
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FinTech Engineer | M.Eng FinTech, Duke

Power Trading Intern at TotalEnergies with experience in market risk, equity research, and commodities. CFA Level II & FRM Part I candidate with strong technical skills in Python, R, and data visualization.
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AI Engineer | M.Eng AI, Duke

Background in software development and actuarial science. Focused on LLMs, RAG systems, and AI agents. Built transformer-based stock predictors and agentic chatbots using LangGraph. Skilled in Python, PyTorch, Hugging Face, and Pinecone.
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Specializes in large language models (LLMs), retrieval-augmented generation (RAG) and AI agents . Strong background in software engineering and applied AI research.
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Thanks!

Any questions?

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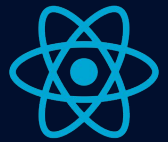
Appendix

Technology

Python

Kylearn, CatBoost, Pandas



Typescript

React, nextjs, recharts

Others: Google BigQuery, AWS, Alchemy and Etherscan

Detailed Roadmap

MVP

20 May – Publish the White Paper

30 Jun – Refactor codebase

30 Jun – Improve data pipeline

1st Aug – New API and web interface

1st Aug – Technical documentation

Improvement

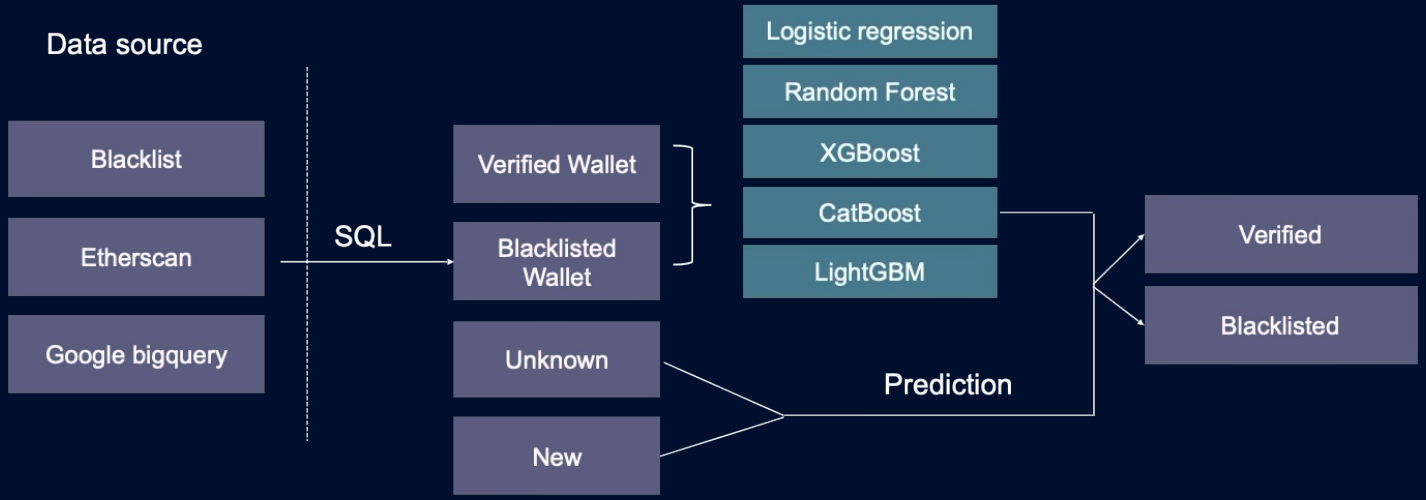
1st Oct – 10 new AI-driven data features

1st Oct – Start the Slack channel

1st Nov – Real time module

1st Dec – Academic paper.

Model Performance

Models	Test Set AUROC	Test Accuracy	Test F1 Score	Test Recall Score
Logistic Regression Model	0.9310	0.8551	0.8827	0.9122
CatBoost Model	0.9945	0.9848	0.9871	0.9799
XGBoost model	0.9952	0.9856	0.9879	0.9803
LightGBM Model	0.9947	0.9841	0.9866	0.9782
Random Forest Model	0.9922	0.9809	0.9839	0.9777

Training Models