Demystifying FinTech

Danielle DeLeon, Program Lead, Stripe
MTRA Conference 2018
What is FinTech?
Why does it need demystifying?
LEARNING OBJECTIVES

• **People:** Review how Financial Crimes teams are improving and applying their technical and data skills to prevent and detect financial crime

• **Partners:** Understand partnerships among Financial Crimes, risk, engineering, and product teams at FinTech companies, and how those partnerships result in applying traditional AML controls in novel and innovative ways that satisfy and even exceed regulatory expectation

• **Patterns:** Understand that there are not new “FinTech typologies” in AML, but rather old AML typologies manifesting in new ways

• **Practical Application:** Gain a basic understanding of how machine learning and analytics may be applied in the prevention and detection of financial crime
LEARNING OBJECTIVES

AML and sanctions programs at FinTech companies are built upon their **people**, internal **partners**, ability to prevent and detect **patterns** of abuse, and the **practical application** of knowledge and skills.

Today, we’ll be focusing on those four categories to demonstrate that, these programs are not “different” or “new,” but rather **bring enriched data, tooling, and perspectives to the industry.**
Any examples or scenarios in this presentation are hypothetical examples based on broad patterns or trends. They are not specific to or representative of Stripe or any other company.
Danielle DeLeon is the Growth Program Lead for Stripe’s Financial Crimes Team and is responsible for overseeing the anti-money laundering and sanctions programs for Stripe’s products, services and markets in over 26 countries. This includes evaluating product features and infrastructure for regulatory compliance and partnering closely with product and engineering teams to develop and implement appropriate compliance policies, processes and controls.

As one of the first members of the Financial Crimes Team, Danielle was instrumental in helping to build the program and has amassed increased experience and scope since then, including responsibility for creating Stripe’s internal case management system, sanctions filtering program, and compliance engineering team processes. Prior to joining the Financial Crimes Team, Danielle was on Stripe’s Risk Team and also helped to form the team’s operations, create and scale processes for payments compliance, prohibited businesses, and user communications. Prior to Stripe, Danielle was a European projects consultant at BIO Intelligence Service in Paris, France. Danielle graduated from Stanford University, where she received honors in the Ethics in Society Program.
Our mission is to increase the GDP of the internet

Stripe is a technology company that builds economic infrastructure for the internet. Businesses of every size—from new startups to public companies—use our software to accept payments and manage their businesses online.
People
LEARNING OBJECTIVE

**People:** Review how compliance teams are improving and applying their technical and data skills to prevent and detect financial crime

**Characteristics of successful financial crimes teams at FinTech companies:**
- Required capabilities and skills
- Recruiting and training
- Ongoing learning and skill building
- Practical application
  - Job descriptions
  - Investigations
  - Ongoing program building
Partners
LEARNING OBJECTIVE

**Partners:** Understand partnerships among Financial Crimes, risk, engineering, and product teams at FinTech companies, and how those partnerships result in applying traditional AML controls in novel and innovative ways that satisfy and even exceed regulatory expectation.

**Partnering with other functions:**
- Risk
- Engineering
- Product
- Practical application
  - Shared learnings and patterns
  - Building tooling
  - Integration in product development and ongoing monitoring
Patterns
LEARNING OBJECTIVE

Patterns: Understand that there are not new “FinTech typologies” in AML, but rather old AML typologies manifesting in new ways

Enriched Data on Customers and Transactions
- Centralized data
- Embedded data science
- Practical application: IP address
  - Submission IP address
  - Login IP address
  - Browser IP address
Revisiting Learning Objectives
REVISITING LEARNING OBJECTIVES

• **People:** Review how compliance teams are improving and applying their technical and data skills to prevent and detect financial crime

• **Partners:** Understand partnerships among compliance, product, and engineering teams at FinTech companies, and how those partnerships result in applying traditional AML controls in novel and innovative ways that satisfy and even exceed regulatory expectation

• **Patterns:** Understand that there are not new “FinTech typologies” in AML, but rather old AML typologies manifesting in new ways

• **Practical Application:** Gain a basic understanding of how machine learning and analytics may be applied in the prevention and detection of financial crime
Questions?

For additional details and/or the full presentation, please reach out to Dani@stripe.com