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Identify and mitigate the patterns of fraudulent transactions

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HIGHLIGHTS

Problem

Idea

Solution

Tech stack

Go-To-Market Strategy

Discussion Outline

Problem

Millions of fraudulent credit card transactions every year lead to losses of tens of billions of dollars.

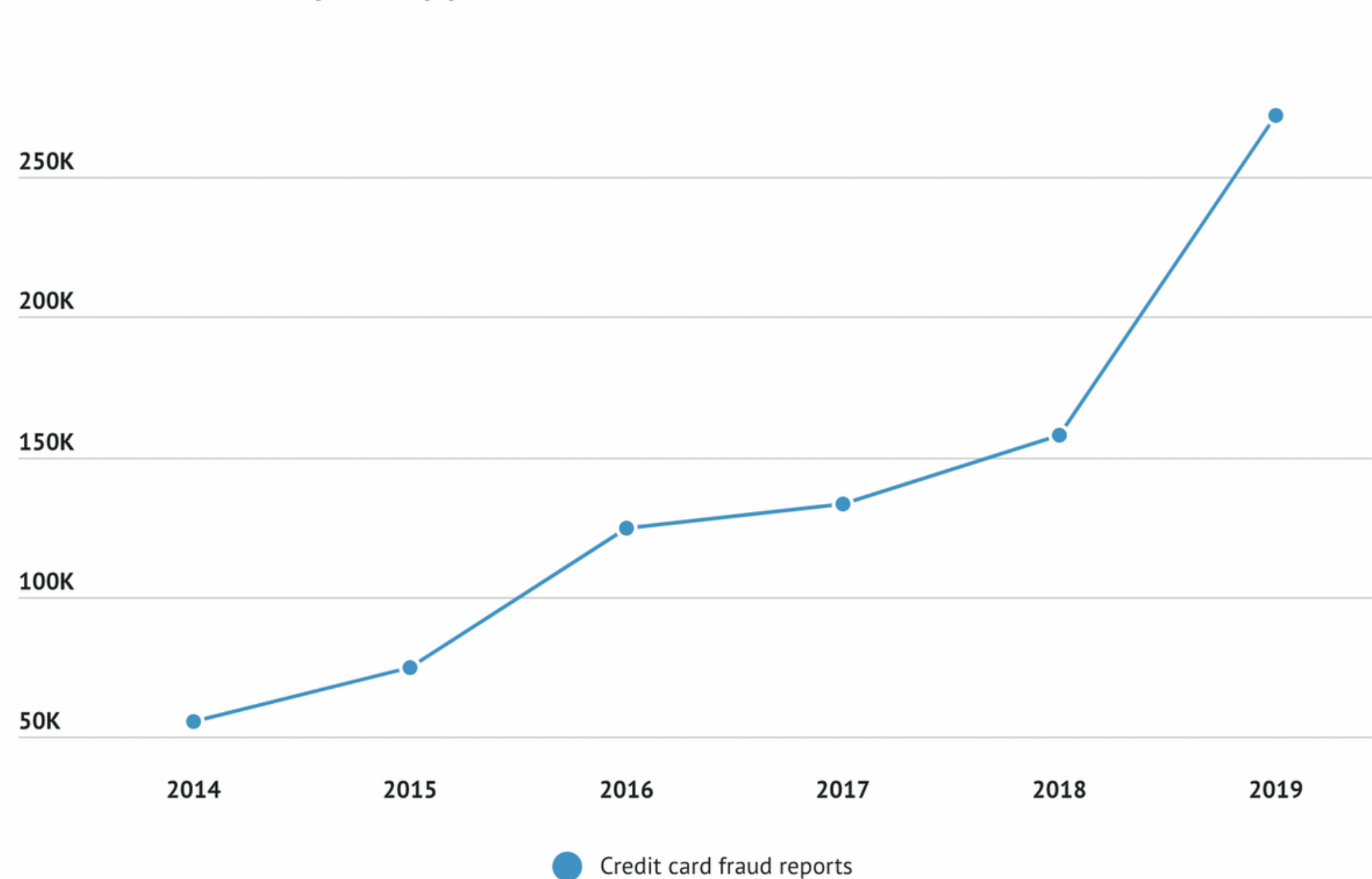
According to The Ascent's study on American credit card habits, 35% of consumers have been victims of credit card fraud,

What if most or all fraudulent transactions be stopped at the source?

How big is the problem?

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Credit card fraud reports by year



Transaction Delta Time

Time delta from a given reference
datetime

Transaction Amount

The transaction payment amount in
the currency

Product Code

The product for each transaction

Payment card information

Card type, Card category, issue bank,
country, etc.

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**What are the
important
parameters to
look at?**

**Distance, Address, and Email
Domain of purchaser and
recipient**

**Match of names on card and
address**

Counting

How many addresses are found to be
associated with the payment card, etc?

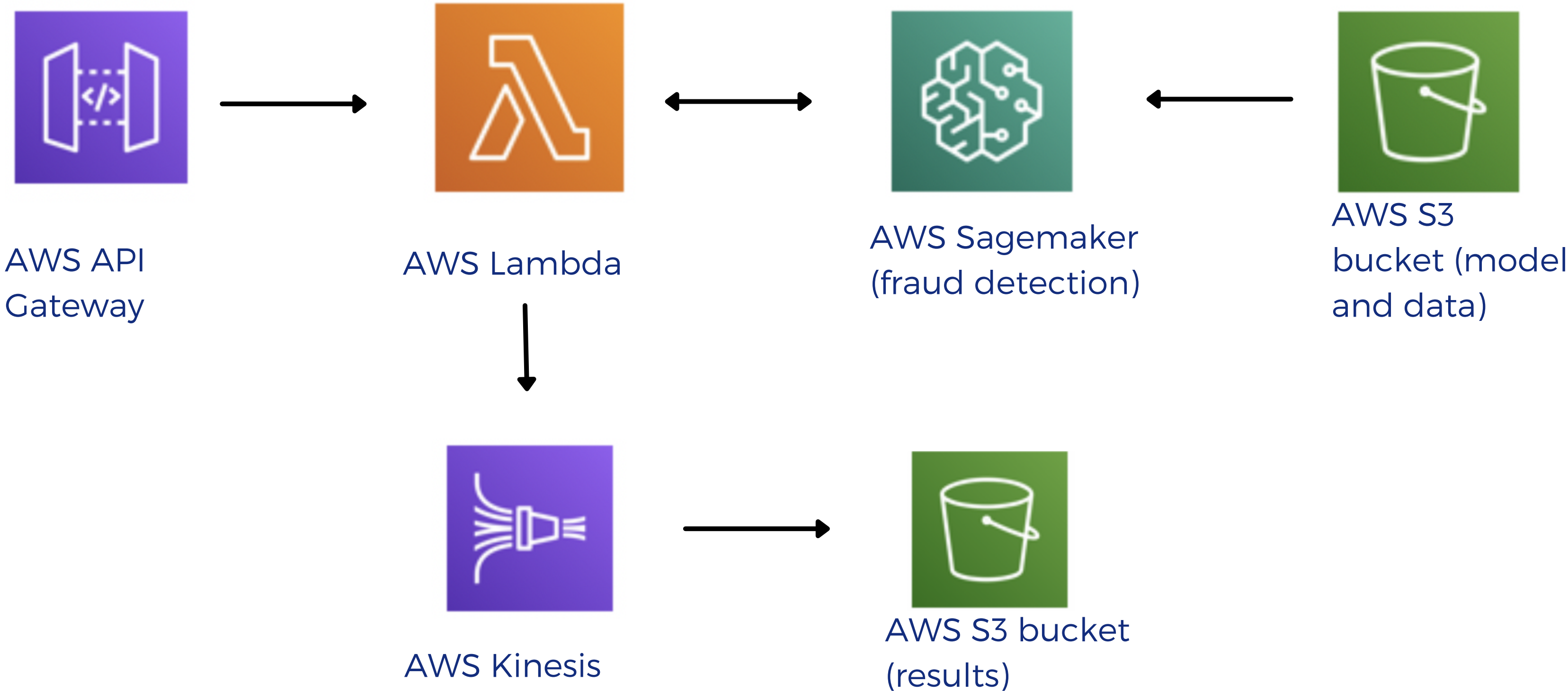
Device information

Device Type, Device Id etc.

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**What are the
important
parameters to
look at?**

Architecture



99.91%

Accuracy*

*On the data we tested on. May vary depending on use case



\$0.02

Cost per API call

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