AWS re:Invent

ANT238-R1

AWS Data Exchange

Easily find, subscribe to, and use third-party data in the cloud

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Product Manager
Enigma

AWS re:Invent

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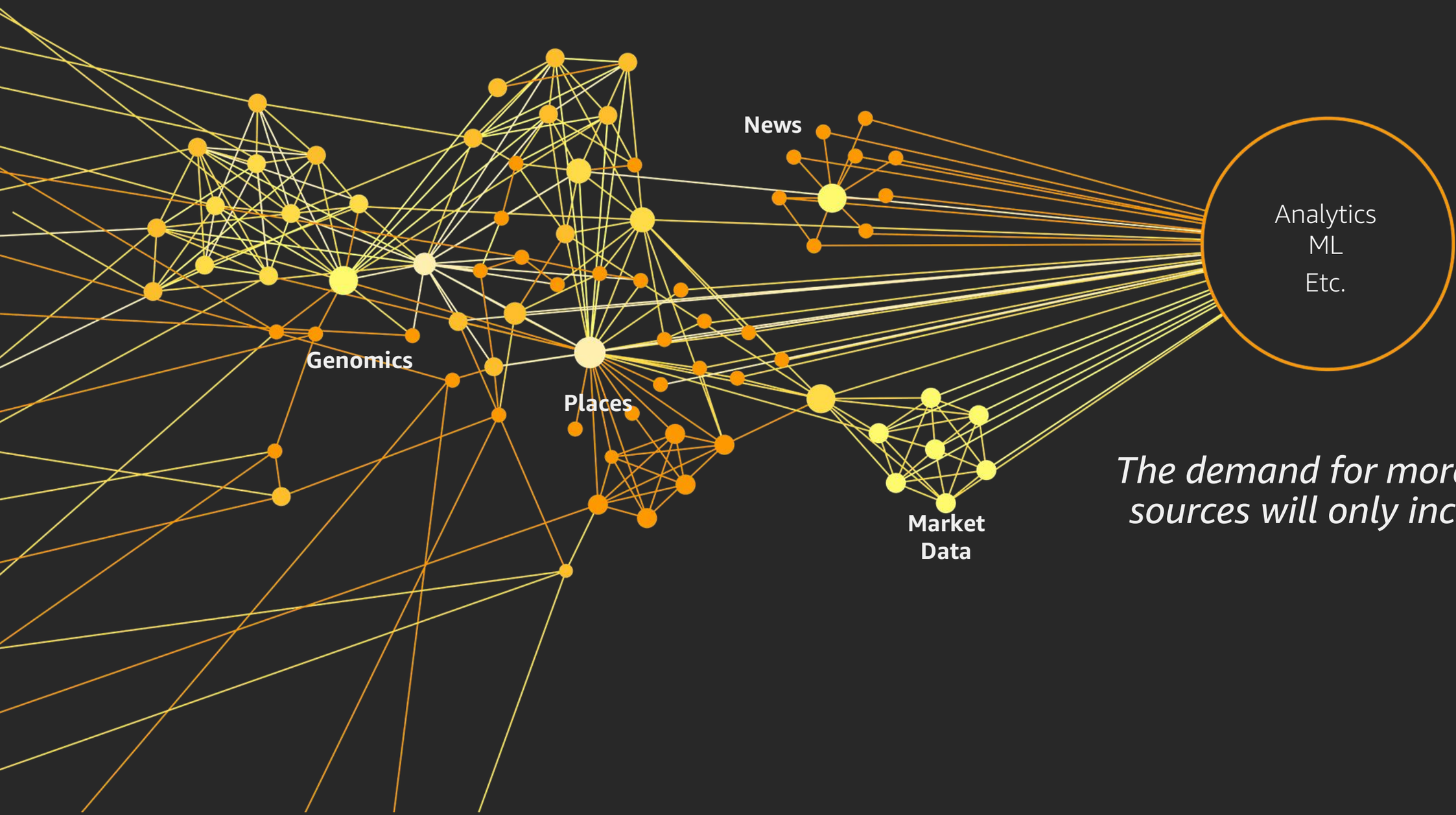
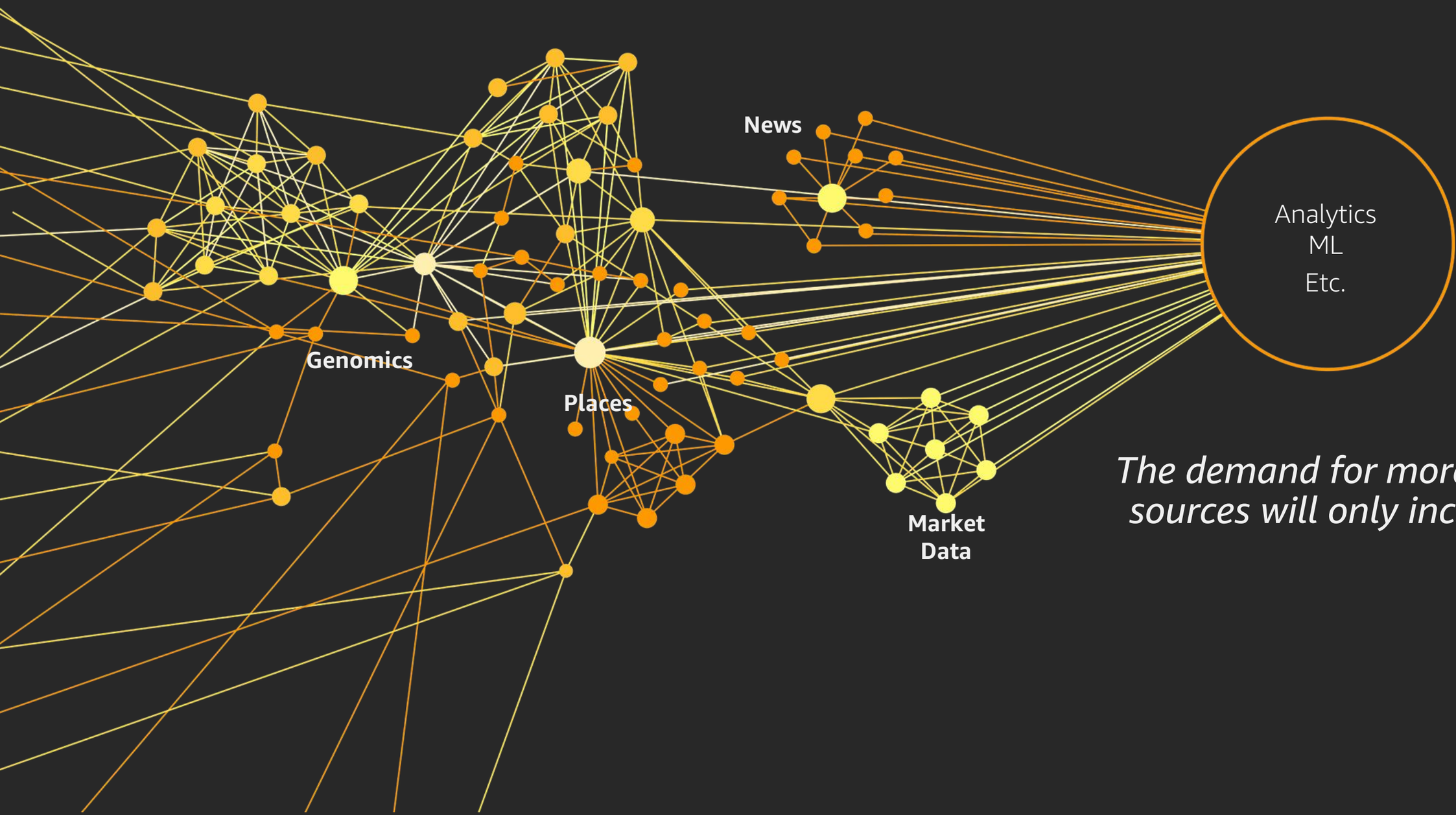
Data is transforming the way businesses innovate



The demand for more data sources will only increase

Data is transforming the way businesses innovate



The demand for more data sources will only increase

Data is transforming the way businesses innovate

Long-standing businesses

Digital businesses

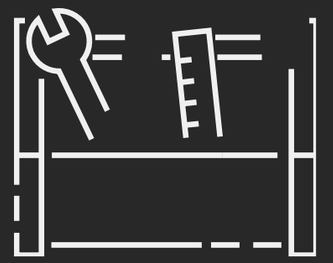
Emerging businesses

Customer expectations have been transformed, too

Everything
easy to use

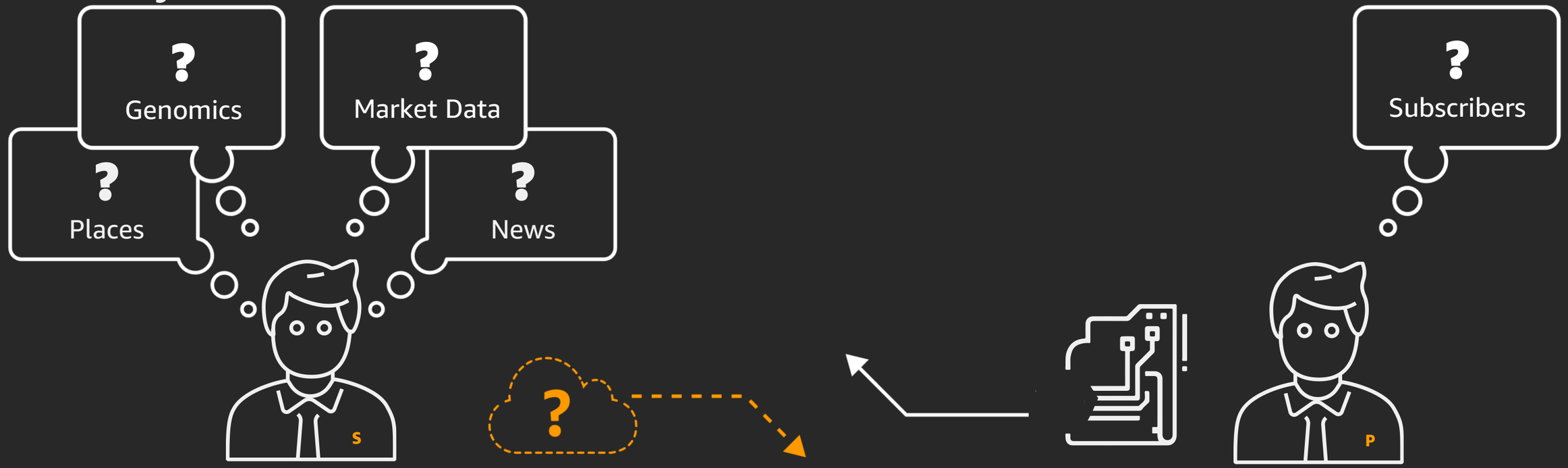
Everything
cloud native

Seamless
experience



Self-service
preference

Innovation is limited when you can't find the data you need, even when there is a data provider that wants to share it with you



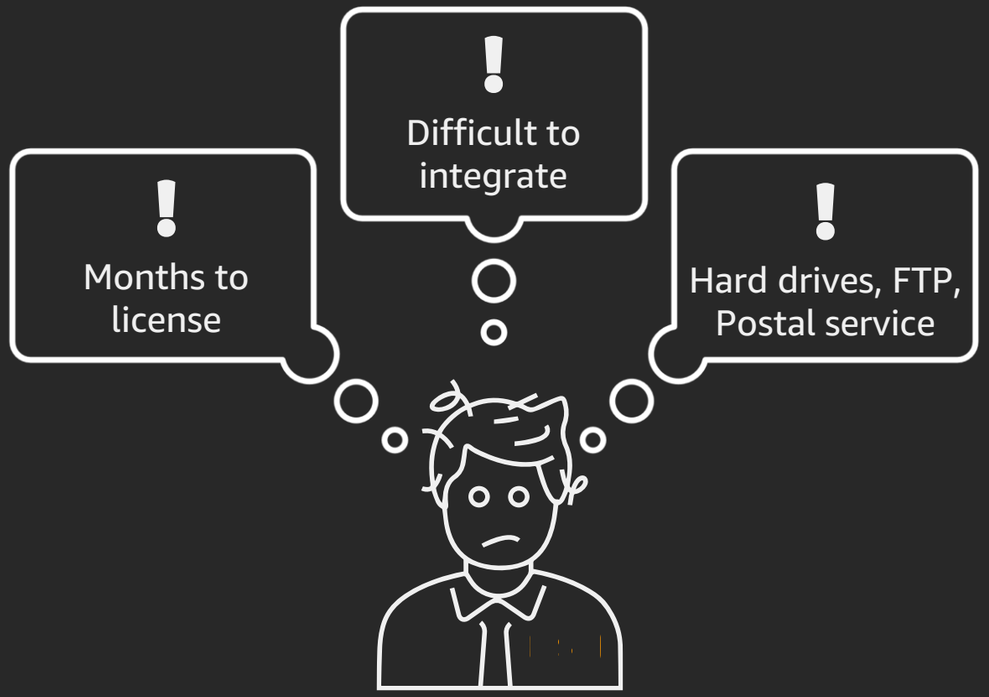
Subscriber

No good place to find diverse data

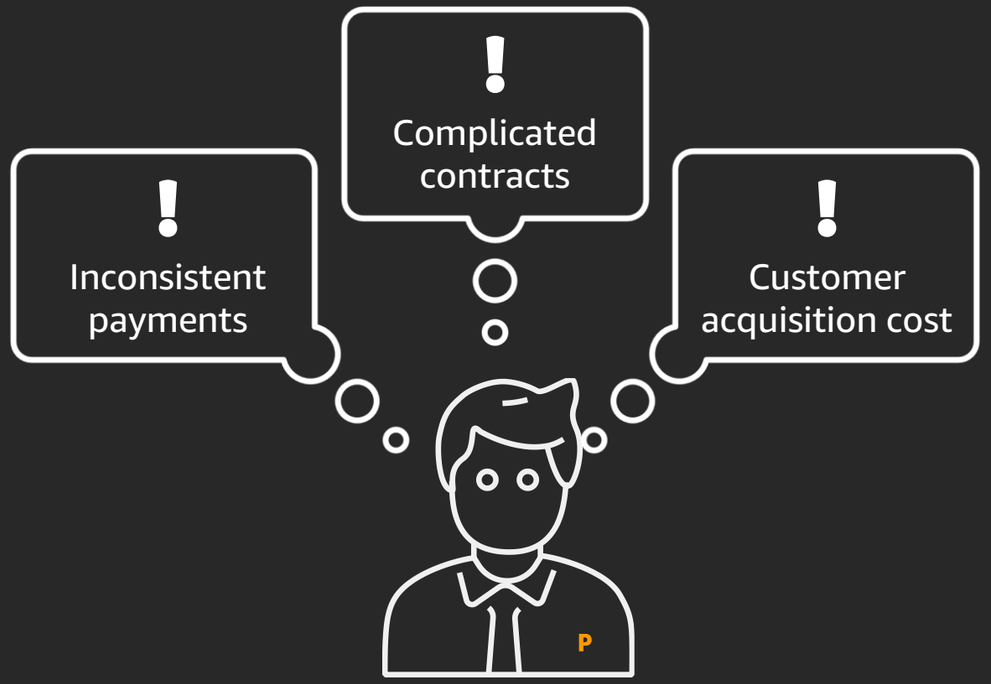
Provider

Hard to reach subscribers

It’s simply too hard for organizations to exchange data today

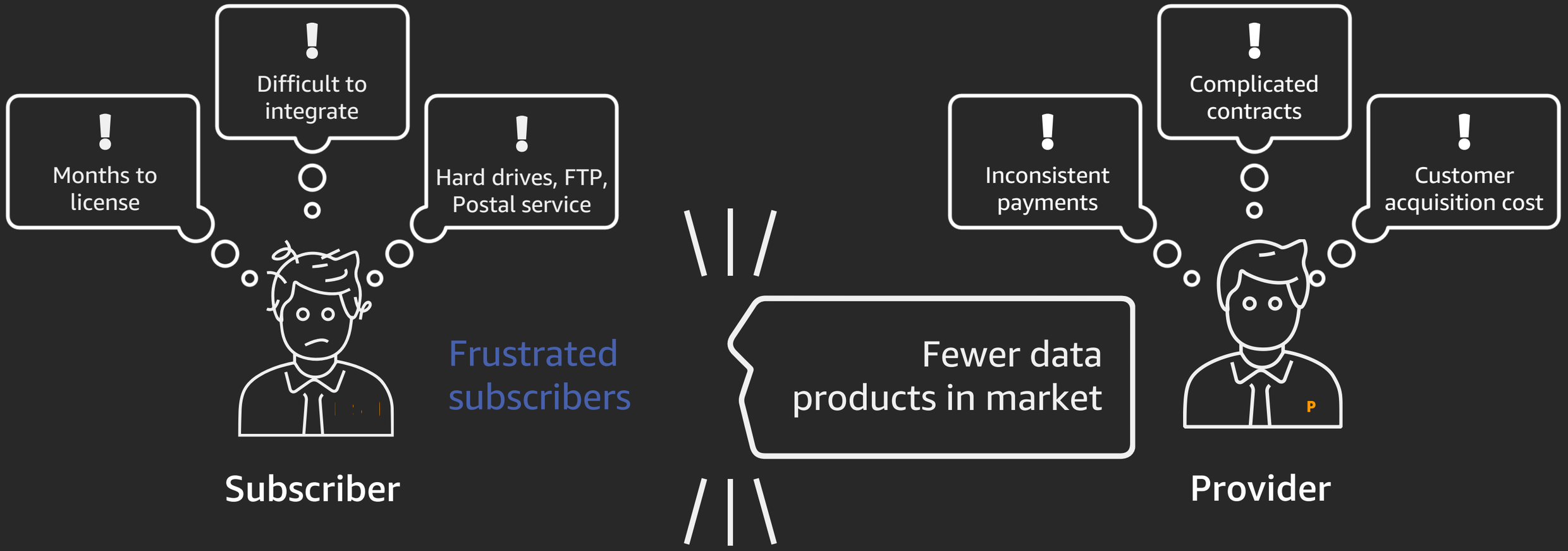


Subscriber



Provider

It’s simply too hard for organizations to exchange data today



AWS Data Exchange makes it easy for AWS customers to find, subscribe to, and use third-party data in the cloud

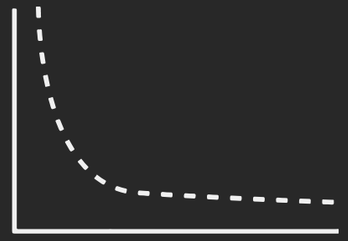
One place to exchange all kinds of data

Natively integrate data into AWS

Easy subscription management

Simplified and secure billing and provisioning

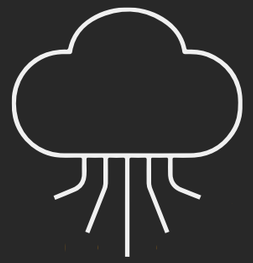
AWS Data Exchange makes it easy for data providers to reach customers, too!



Efficiently reach the long-tail of subscribers on AWS

AWS Data Exchange

Join a growing breadth of providers on AWS



Easily import, export, and analyze data in a cloud-native way

No longer need to build and maintain data storage, delivery, billing, or entitling technology

Natively integrated with AWS

Global distribution through AWS

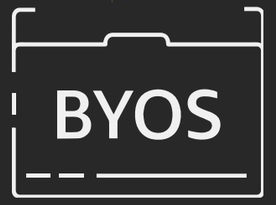
Upload, package, and curate data sets directly from Amazon S3

Easy-to-use API and console experience

Analyze and catalog data sets with Amazon Athena, Amazon Redshift, and AWS Glue

Consolidated AWS billing
Pay only for the data licensed

Easy subscription management



Bring your own subscription terms

Automatically consume new data / updates via CloudWatch events

Manage all your data in one place

Built-in security and compliance controls

Encrypted at rest
and in transit

Subscription Verification,
compliant with GDPR, and
more attestations on the way

Integrated with AWS
identity and access
management

Foursquare

Josh Cohen
SVP Product
Foursquare

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A billion people
have experienced
our technology over
the past 10 years

airbnb

Uber

CONDÉ NAST

AccuWeather

GARMIN

VISA

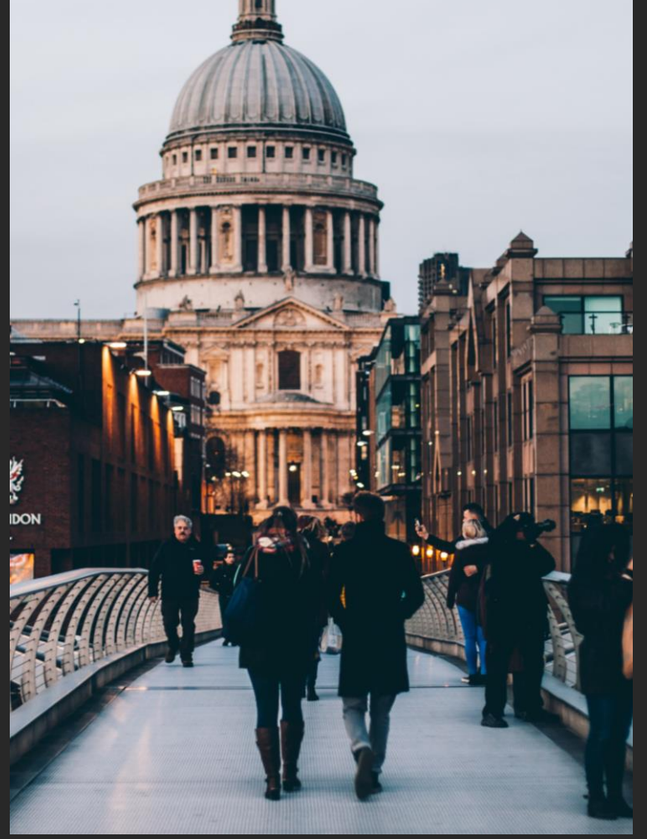
Spotify

Hilton
HOTELS & RESORTS

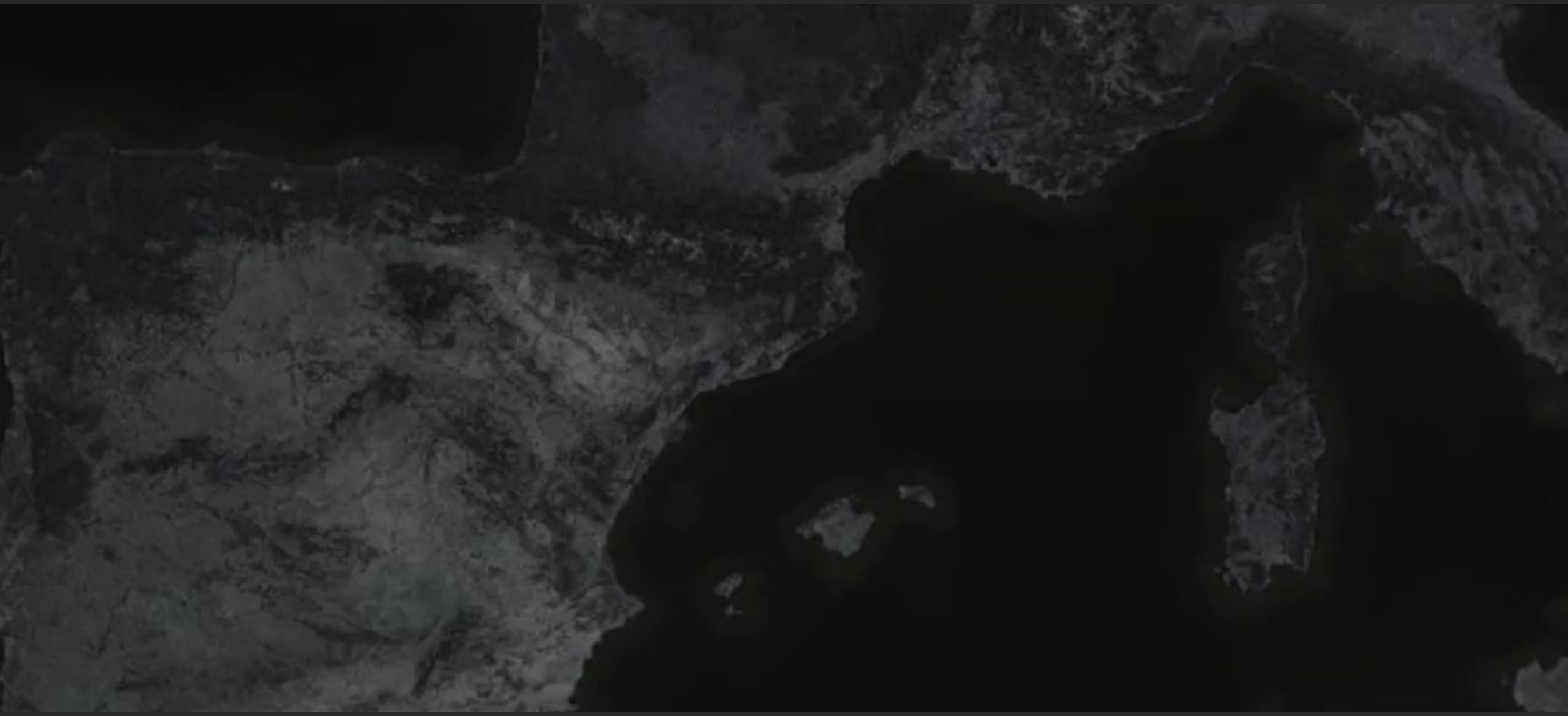
SAMSUNG

Microsoft

We have a deep **understanding** of **people** and the **places** they go



Location technology is **important** to get right



FOURSQUARE

PLACES DATA

105 million

Points-of-Interest

FOURSQUARE

DATA SOLUTIONS

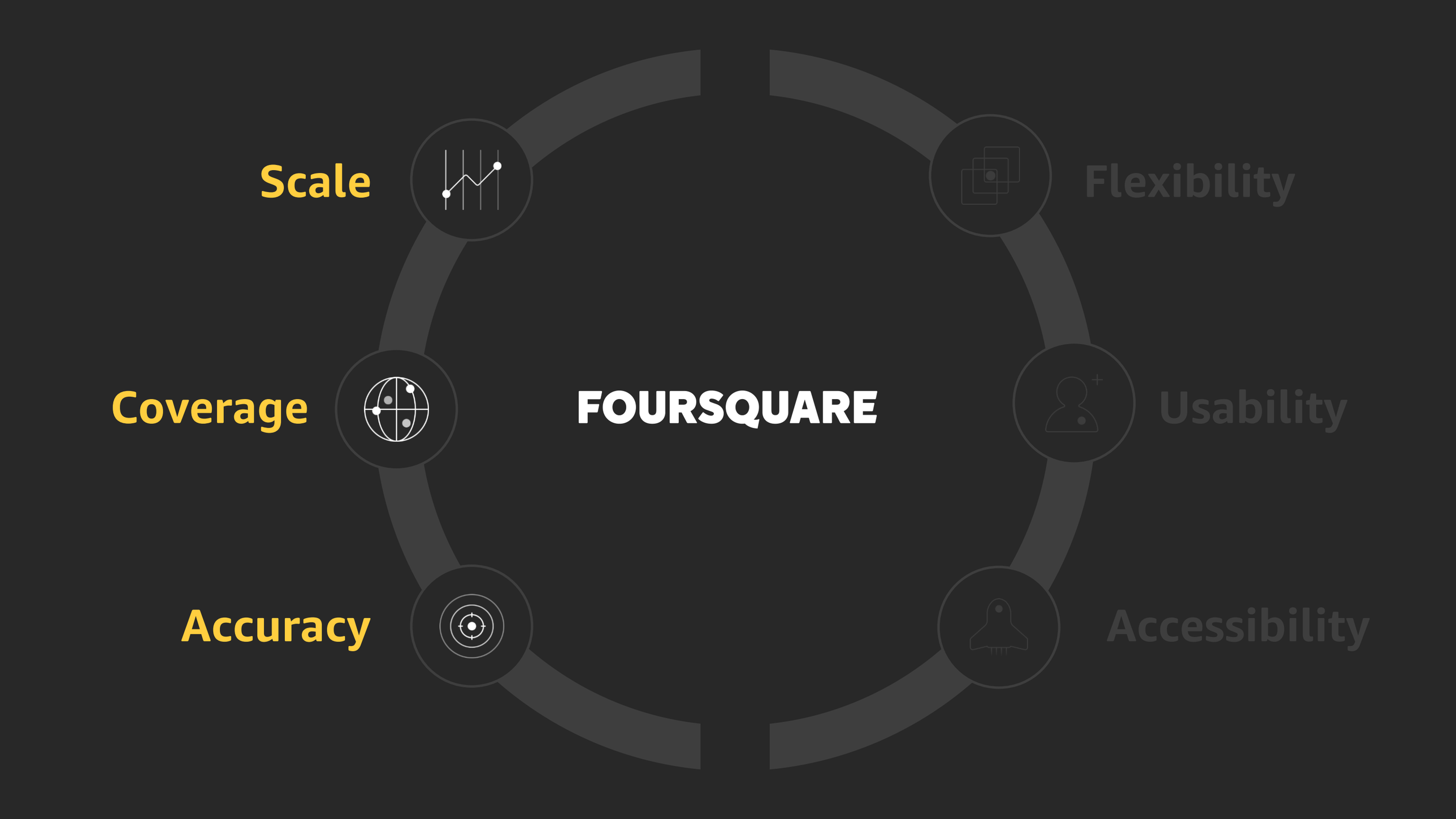
100 million

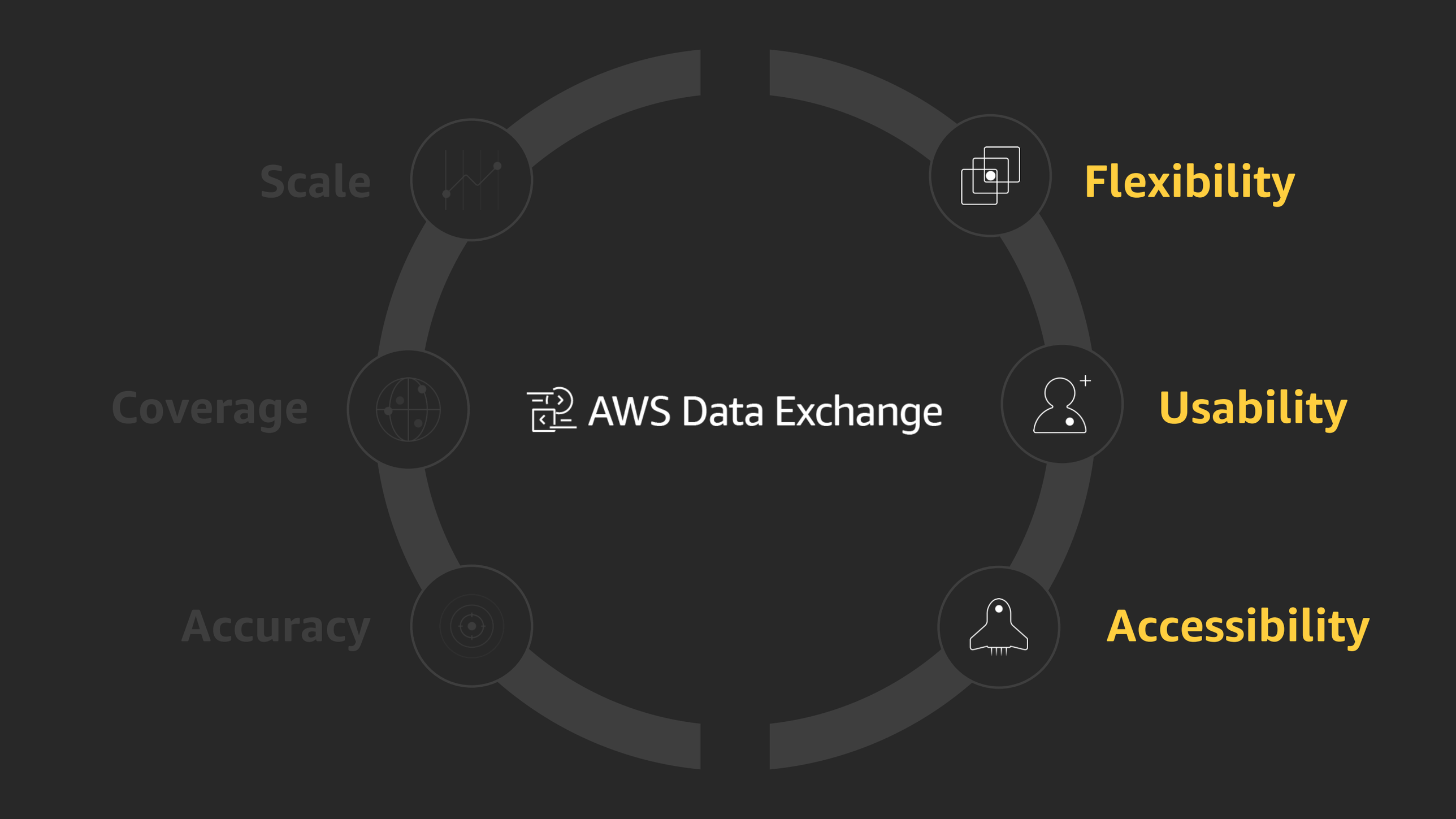
Anonymized Unique Devices

FOURSQUARE

+

AWS Data Exchange


Scale
Flexibility
Coverage
FOURSQUARE
Usability
Accuracy
Accessibility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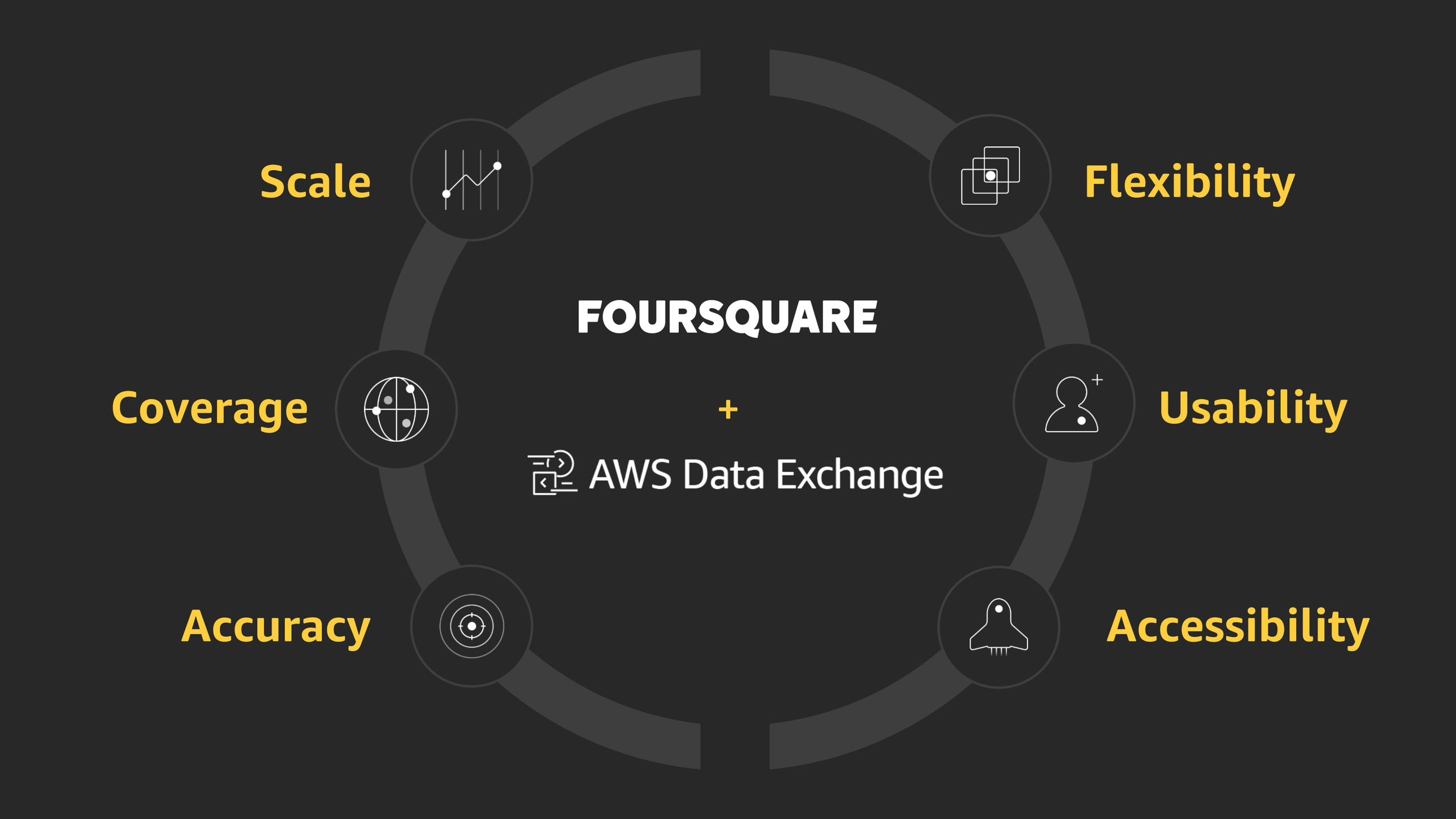
Scale
Flexibility
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Coverage
+
Usability
AWS Data Exchange
Accuracy
Accessibility

amazonsupport@foursquare.com

Thank you.

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Enigma Public

Hicham Oudghiri
Co-Founder & CEO
Enigma Technologies, Inc.

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B2B experiences are light years behind B2C

B2C

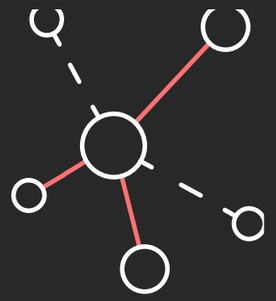
Real time, intuitive,
personalized, and accurate

B2B

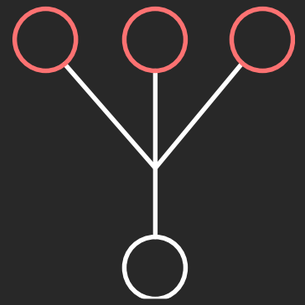
Slow, imprecise, inefficient
and fraught with error

At Enigma, we build APIs
to power better experiences
between businesses

Technology to generate data that is greater than the sum of its parts



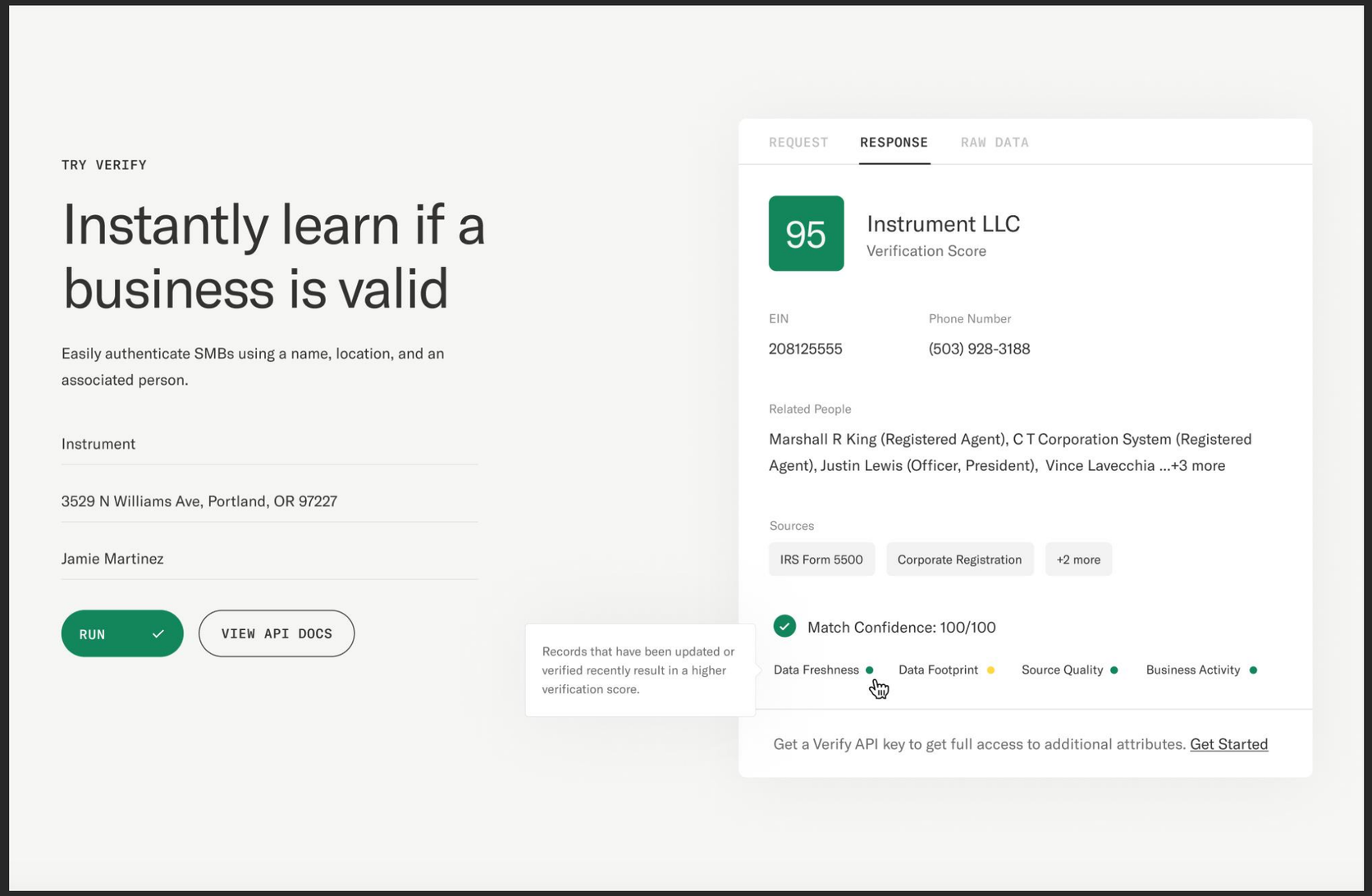
Ingest from hundreds of public and private sources



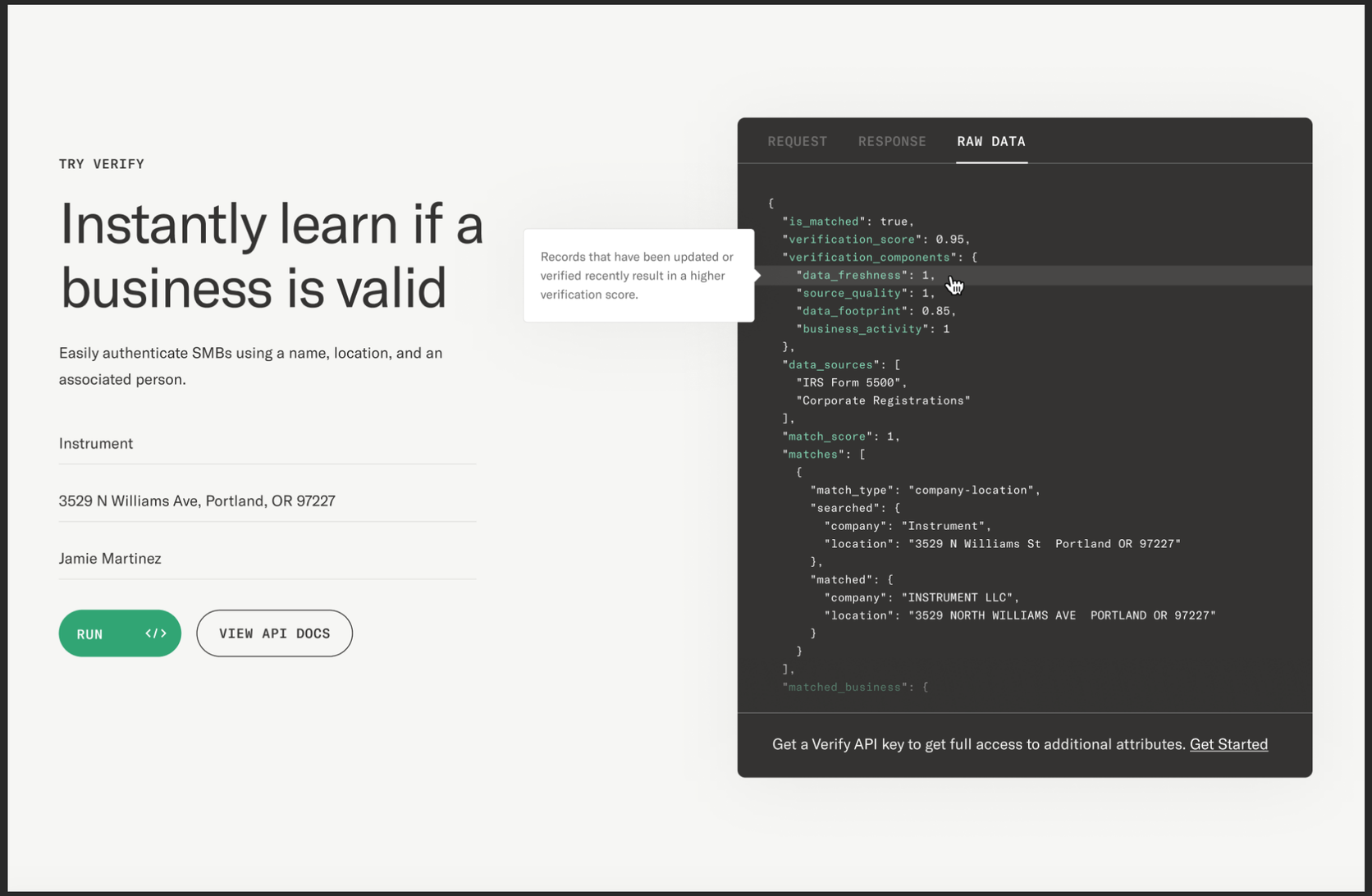
Resolve 30M+ companies, 250M+ people and places programmatically

Model into trustworthy and transparent business attributes

APIs that deliver trusted business intelligence



Built by developers for developers



So you can build better experiences that are truly responsive to businesses and their needs

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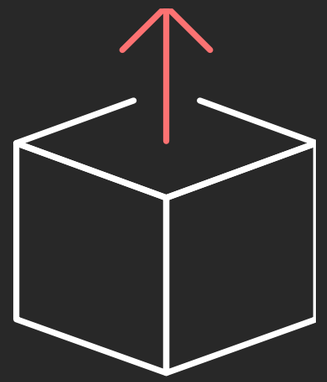
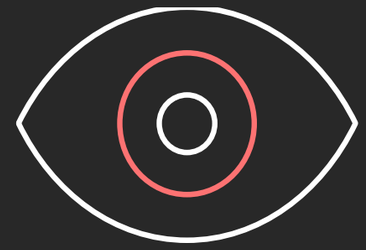
Partnering with AWS means taking Enigma Public to the next level so developers and data scientists can get up and running quickly

Reduce the cost and operational headaches



Make the data usable right out of the box



Expose the sources that industry insiders have been using for decades

To make public data more accessible and useful across industries

Finance & Trading

Business Intelligence & Compliance

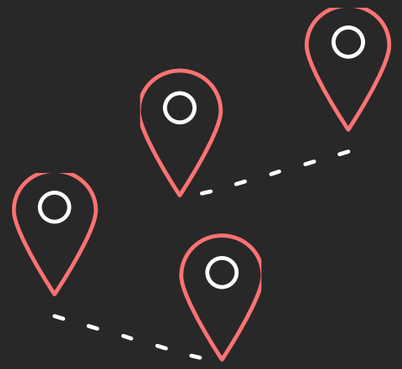
Journalism & Investigative Research

Civic Activism & Government

What you can access today

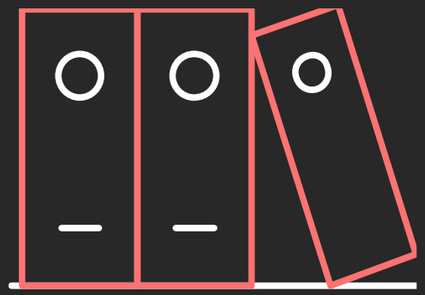
- Non-Profit IRS Filings (990)
- H1B Visas
- **U.S Historical Cargo Container Imports**
- Workplace Inspections and Violations (OSHA)
- Employee Benefit Plans (401k and Health Care)
- UK and Large State Corporate Registers
- Lobbying and Campaign Contributions
- **Federal Tax-Liens**
- Historical White House Visitor Records
- IRS Statement of Incomes (Zip Code Earnings),
- SEC Active Broker Dealers
- SEC Company Subsidiaries (Corpwatch)
- Government Spending Contracts
- Private Fundraising (SEC Form D)
- Federal Small Business Loans (SBA)
- Consumer Financial Complaints (CFPB)
- Clinical Trials Database
- **Patents and Trademarks**
- UK Property Transactions
- US Daily Weather Data
- Supreme Court Decisions
- County Business Patterns
- Historical White House Visitor Records
- NYC Property Transactions and Land-use

What you can expect in the future



Expanding from federal U.S. to an increasing number of state and local sources

Expanding from the UK to international markets



Standardized and developer friendly versions of the canonical public data sets

AWS Data Exchange demo

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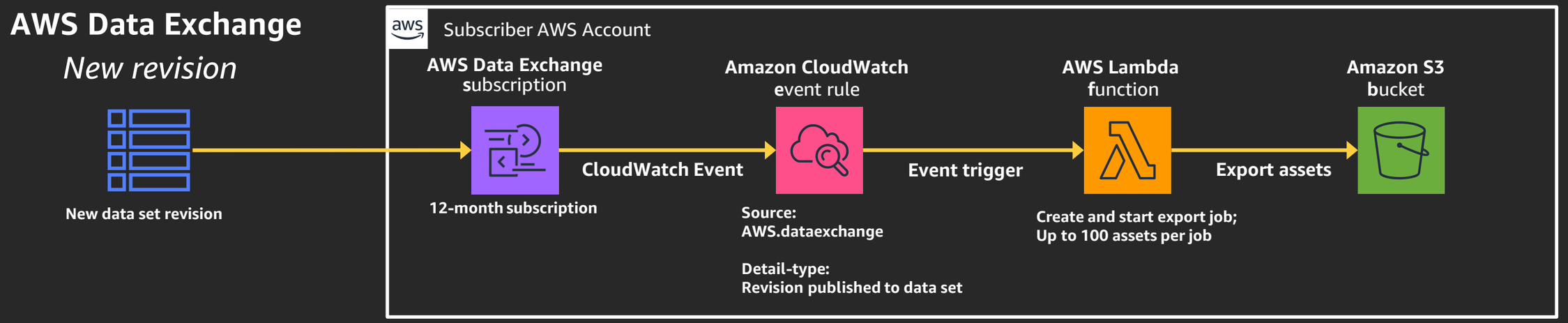
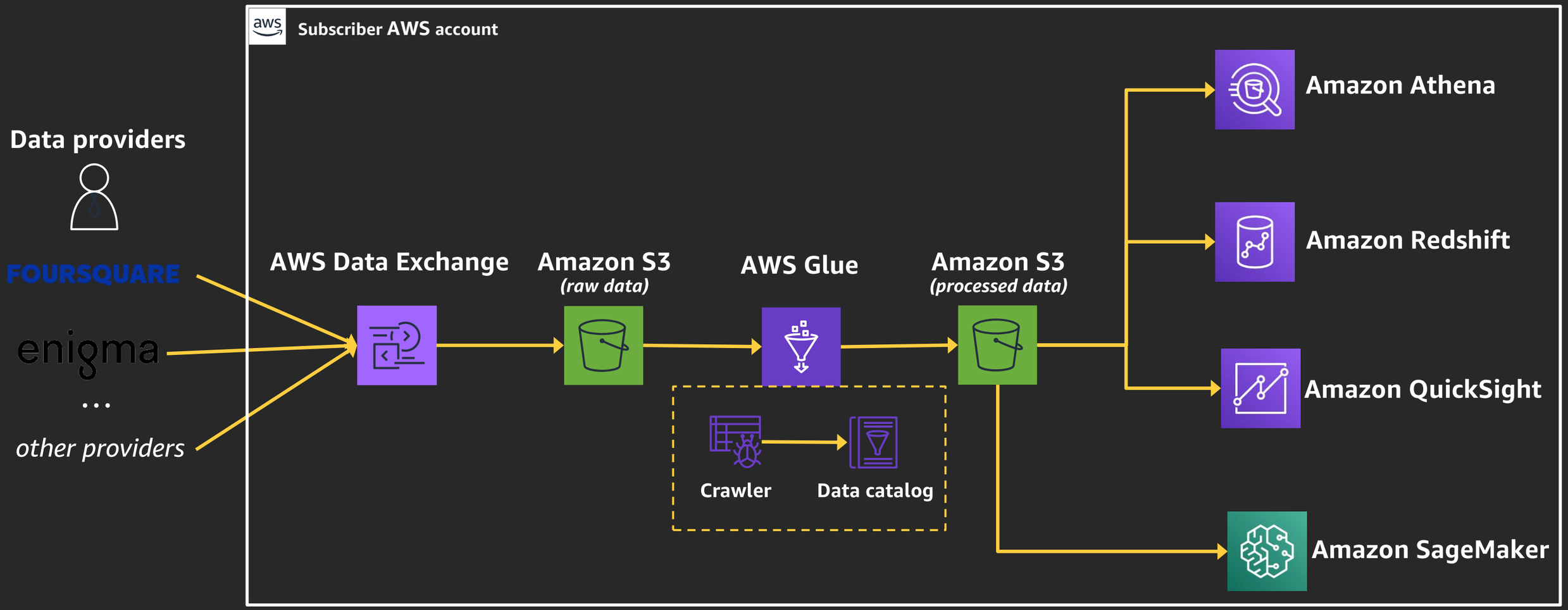
Automatically copy your AWS Data Exchange data sets to your AWS data lake on Amazon S3



AWS Data Exchange is seamlessly integrated with downstream AWS analytics and ML services



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FLOATING POINT GROUP
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IMDb
graticule
SINERGISE
MoMA
Medisafe
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LexisNexis
LikeFolio
Mapillary
Gravy ANALYTICS
SEER AEROSPACE
Abios
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banker
OM1
open990
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TransUnion
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Verisk
Socialgist
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dun & bradstreet
spire Maritime
PlaceIQ
Orbital Insight
brain corp
trivago
EDI
irysdata

Thank you!

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To learn more, visit: https://aws.amazon.com/data-exchange

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