
AWS
re:Invent
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SUS207

Patterns for obtaining insights from sustainability data

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Data is core to addressing sustainability



Growing exponentially



From new sources



Increasingly diverse



Used by many people



Analyzed by many applications

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How might we derive value from third-party data to accelerate sustainability research and transformation?

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Sustainability data: Open and commercial data

Open Data Sponsorship Program

Amazon Sustainability Data Initiative

AWS Data Exchange



Image from Landsat 8 satellite, courtesy of the U.S. Geological Survey

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The **Amazon Sustainability Data Initiative (ASDI)** significantly reduces the **cost**, **time**, and **technical barriers** associated with analyzing large datasets to generate sustainability insights

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AWS Data Exchange: Find, subscribe to, and use third-party data



Easy to use



Secure and compliant



Self-service options



Cloud native



Seamless experience from start to finish

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BETTER TECHNOLOGY

Multiple delivery methods for third-party data



Secure and compliant with **encrypted data** and **AWS IAM** integration



Natively integrates into AWS and non AWS services



AWS Data Exchange



EASIER ADMINISTRATION



One place to exchange data **publicly or privately**



Migrate existing subscriptions at **no additional cost**

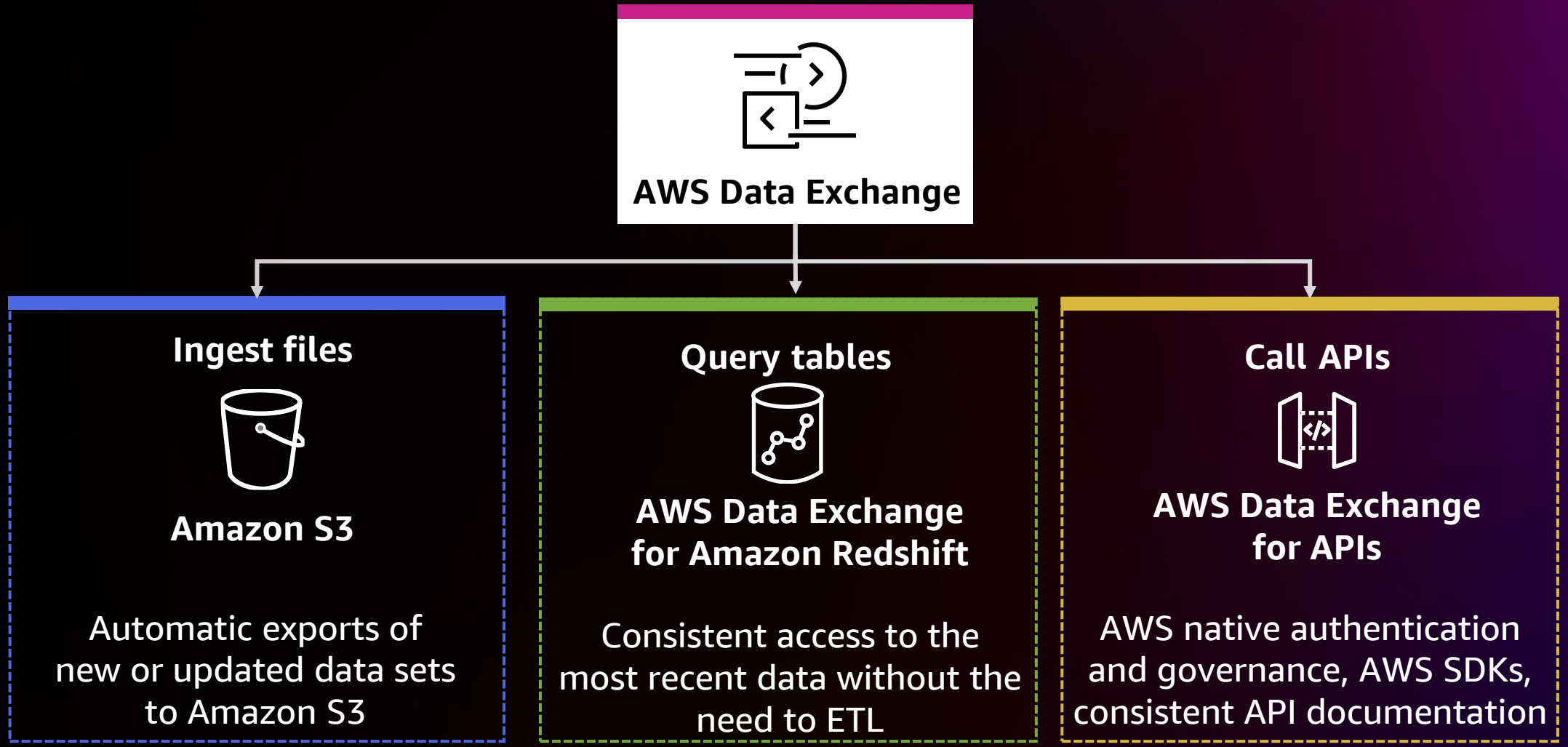


Simplified contracts and consolidated, **secure billing**

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How might we help local authorities and electric vehicle (EV) charge point installers find the right location to install the right type of EV charger, in the right quantity?

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First things first: Finding the right datasets

Environmental, social, and governance

Amenity Analytics
TRUVALUE LABS
Verisk Maplecroft
Diligent
SASB
CSRHUB®

Renewables, emissions, and mobility

Picturedigits
FOURSQUARE
eco-mo>ement

Diversity, equity, and inclusion

revelio labs
arabesque s-ray
rearc

Risk

CATALYST
EARTH DATA, SIMPLIFIED.
rearc
Verisk
FACTSET
SEE THE ADVANTAGE
URSA SPACE

Climate, emissions, and weather

WEATHER SOURCE
CRUX
DCAT
the climate data factory

Government and education

burbio®
cicero
GREAT!SCHOOLS
rearc

A range of open and commercial sustainability datasets are available on AWS Data Exchange

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Next steps

- Sustainability and AWS Data Exchange booths
- AWS Data Exchange workshops
- Immersion Days
- AWS Partner Network
- Sustainability GameDay

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Thank you!

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