ataccama ONE

Data Quality Management

Data quality. Automated.

Data Quality

87%

KNOWLEDGE CATALOG

- OVERVIEW
- DATA CATALOG
  - Data Assets
  - Business Systems
  - Data Sources
  - Data Marts
  - Infrastructure
  - Rules
  - Components
- BUSINESS GLOSSARY
- BUSINESS PROCESSES
- PROJECTS
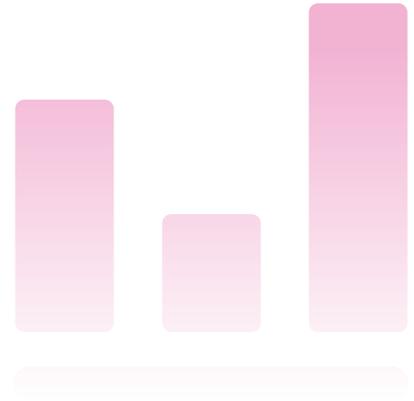
Home > Knowledge Catalog > Monitoring Projects

person

Overview | Profile | **Data Quality** | Data Preview | Lineage | Relationships

Data Quality 78% ↗ 4%

Data Anomaly Detection ⚠ 2 Issues — Open Inspector

Reco 1 68 ↗ 23

Search attributes

		Name	Terms		Data Quality		Validity Checks
☐	T	src_name	PII	Fully Name	▬▬▬	↙ 8%	Full Name Valid 81
☐	T	src_birth_date	PII	Date of birth	▬▬▬	↗ 4%	Date of Birth Valid
☐	T	src_email	PII	E-mail	▬▬▬	↗ 1%	Email Validity 100%
☐	🔑	src_id	PII	Personal ID	▬▬▬		ID Validity 100%
☐	T	src_gender	PII	Gender	▬▬▬	↗ 7%	Gender Validity 88%
☐	T	src_address	PII	Address	▬▬▬		Address Validity 10

Ataccama ONE Platform

Data quality without the extra work

An automated data quality solution that lets you understand the state of your data, validates & improves it, prevents bad data from entering your systems, and continuously monitors data quality. With minimal effort.

Automated data quality rules

Configure once, assign to a business domain, and re-use everywhere. Automatically.

Anomaly detection

Just toggle it on, and our AI will detect and report irregularities in data.

Fast data processing

Process any data volume in a distributed manner without moving the data.

> "Take a data quality product and implement it in such a quick turnout time, it's actually quite great."
>
> Data Quality Product Director, Fortune 500 Pharma

We combine enterprise and cutting edge

Suitable for both **small teams** just starting out with data quality and **enterprise-wide** data quality programs.

Easy integration. Get reliable data into any internal app or with existing ETL and CI/CD pipelines without slowing them down.

Roll out DQ projects faster with smart automation powered by metadata and AI.

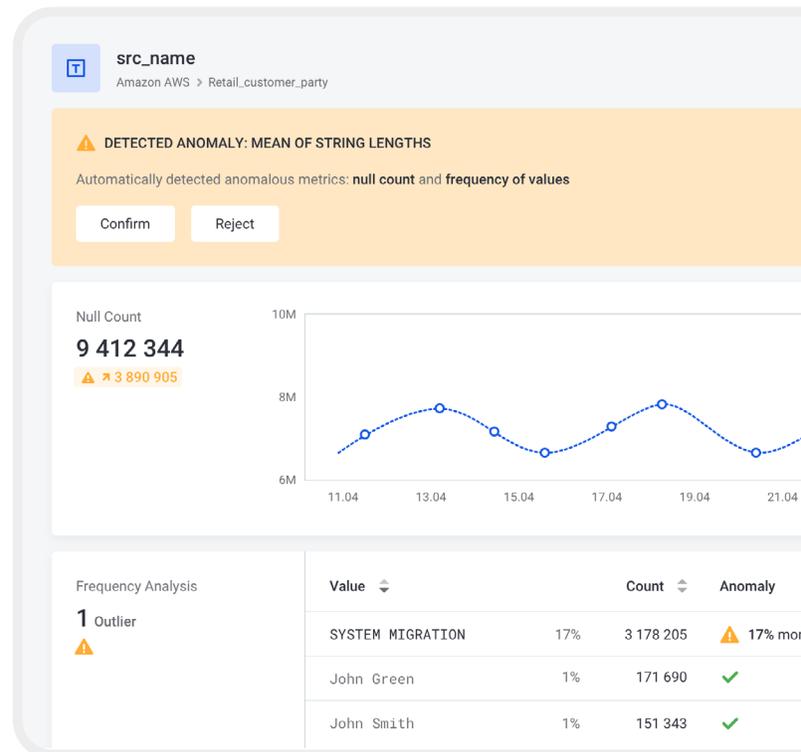Data quality accessible to anyone. Check any dataset in minutes.

Spend less time extending the solution with new data sources. Data quality rules are applied automatically.

Doesn't require tons of resources and delivers **quick ROI.**

Everything you need to **ensure data quality**

📊 **Data quality monitoring & reporting**

🧹 **Data standardization & cleansing**

🪄 **External data enrichment**

🛡 **Data quality firewall**

➡ **Data preparation**

Data masking
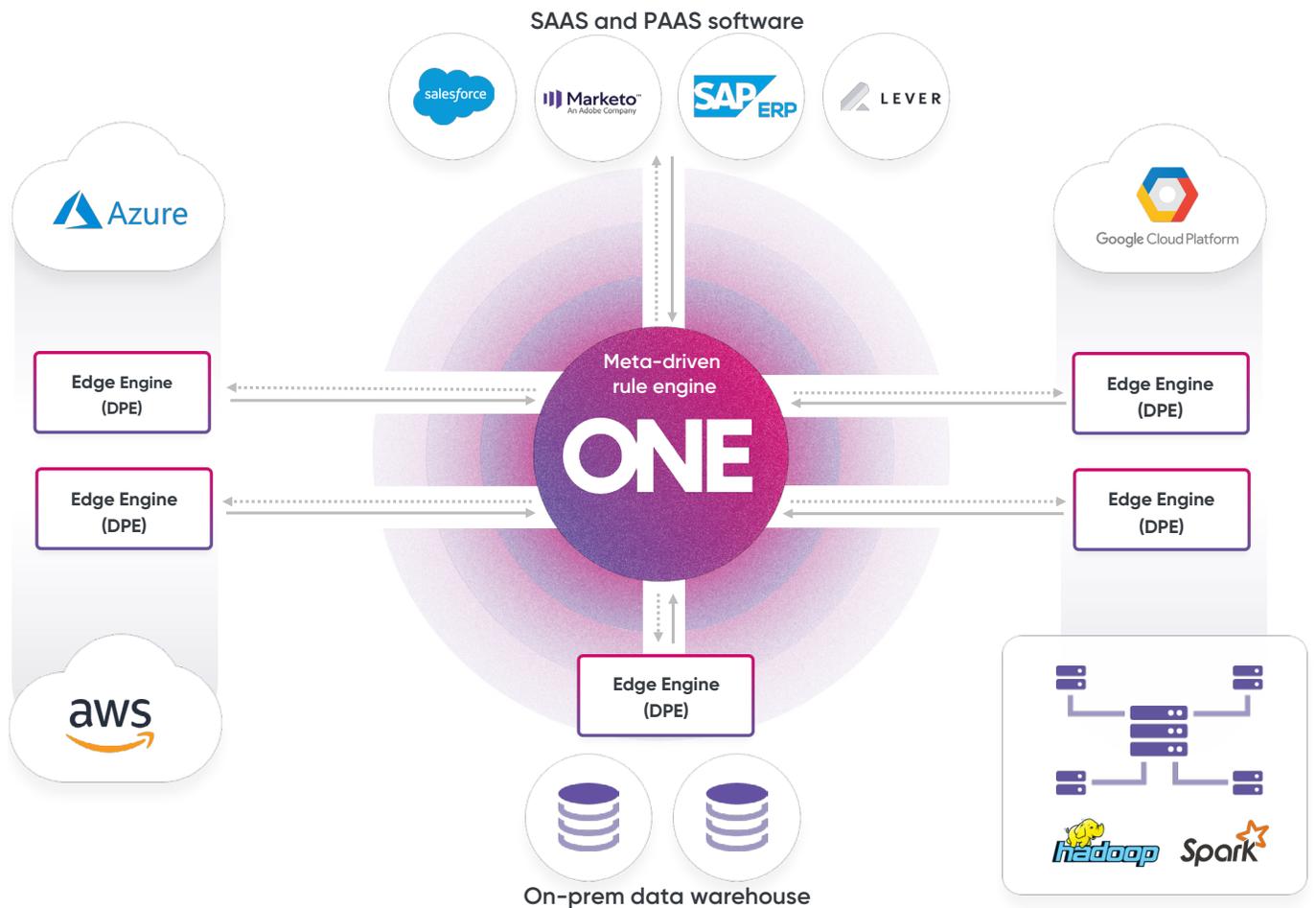
👤 **Issue tracking & resolution**

De-duplication

T **src_name**
Amazon AWS > Retail_customer_party

⚠ DETECTED ANOMALY: MEAN OF STRING LENGTHS

Automatically detected anomalous metrics: **null count** and **frequency of values**

[Confirm] [Reject]

Null Count
9 412 344
⚠ ↗ 3 890 905

10M

8M

6M

11.04   13.04   15.04   17.04   19.04   21.04

Frequency Analysis
1 Outlier
⚠

Value		Count	Anomaly
SYSTEM MIGRATION	17%	3 178 205	⚠ 17% mor
John Green	1%	171 690	✓
John Smith	1%	151 343	✓

How **automated** data quality **works**

Ataccama ONE automates data quality by discovering the contents of your data and applying business rules dynamically.

① Catalog your data — Connect your data sources and discover data domains, such as name, address, product codes, etc.

② Configure rules — Set up data quality rules for validation and standardization.

③ Map rules to domains — Assign rules to specific data domains—not data in specific sources.

④ Automate — For any new data source you connect or dataset you want to check, data quality rules will be assigned automatically.

Process data wherever it is, with a single set of rules and transformations

SAAS and PAAS software

salesforce • Marketo An Adobe Company • SAP ERP • LEVER

Azure

Edge Engine (DPE)

Edge Engine (DPE)

aws

Meta-driven rule engine

ONE

Google Cloud Platform

Edge Engine (DPE)

Edge Engine (DPE)

hadoop • Spark

Edge Engine (DPE)

On-prem data warehouse

✓ **Reusable rules and configurations for all data sources**

✓ **Fast data processing and optimal performance**

✓ **Future-proof and automated solution**

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