

Engineer Trust with Data Contracts

Build data products with a contract-first approach and deliver high-quality, governed data with confidence.



Data Contract

Why Contract-First Matters

Existing Data Problems

Contract-First Fixes

Data Producer

Unclear data meaning, usage, or quality



Contracts define schema, semantics, service level objectives (SLOs), and quality rules

Delayed governance and reactive fixes



Governance is embedded upstream, at the source,



Data consumers view contracts as "nutrition labels" - clear,

in CI/CD pipelines

Data access bottlenecks

Low trust in data assets



certifiable, and trustworthy Data products are federated, searchable,

and Al-ready

Fragmented workflows



Data contracts align data producers and consumers from the start



5 Attributes of Trusted Data Products

Searchable and curated in an

enterprise data marketplace

4 Interoperable Built to enterprise-wide standards

2 Trustworthy Enforced service level objectives

and validated quality metrics

Contract-driven, automated

5 Secure

access controls

Clear metadata, lineage, and documentation

4 Big Benefits of a

throughout the pipeline.

3 Self-Describing

Contract-First Approach Engineer Trust at the Source Contracts mitigate issues before they hit production.

- **Enable Self-Service Discovery**
- Streamline Governance

Data products show up certified, documented, and fit for purpose.

4 Build a Reliable Data Foundation Version-control is built into contracts, supporting data product development

Governance shifts from manual audits to automated policy enforcement.

Approach Supports Data Products Automatically update data products and contracts. O

How Actian's Contract-First

and publish in the enterprise marketplace.

data products within the platform.

contracts from CI/CD pipelines. Make trusted data products easily accessible. 囼 Manage data products and components to enrich documentation,

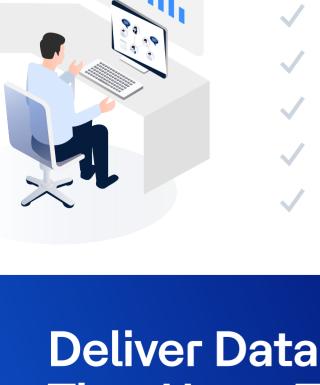
Use a dedicated API to synchronize data products and their data

Locate relevant data products fast. (Leverage a knowledge graph-powered search engine and optimized user interface to quickly find data products.

Simplify and expedite data access requests.

Experience Measurable

Integrate workflows to enable and manage access to



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Fewer support tickets and data quality issues Increased reuse of certified data products Faster time-to-insight

Higher data product adoption by consumers

Impact with Actian

- Confidence across the data lifecycle

That Users Trust

It's embedded from the start.

With Actian, governance isn't an afterthought.



■ Get the contract-first governance eBook >

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