

Data in a Minute

Where data management concepts are explained in under a minute



Data Governance

What is Data governance?

Data Governance, usually dictated by local laws or business policies is the process by which an organization controls, secures & maintains its data.

Governance is often said to be a 'business discipline', referring to the fact that Governance goes only as far as an organization's employees are willing to go.

Data Governance can be implemented independently (introduction of structured processes), or can be implemented as part of a larger data quality or master data management effort.

In the context of the Smart Data Platform, Data governance consists of 4 main concepts, performed in the following sequence:

Data Requisition - Request for new data creation

Data Profiling - Check request for data quality

Data Collection - Move data to Quality Hub

Data Approval - Approve new data creation



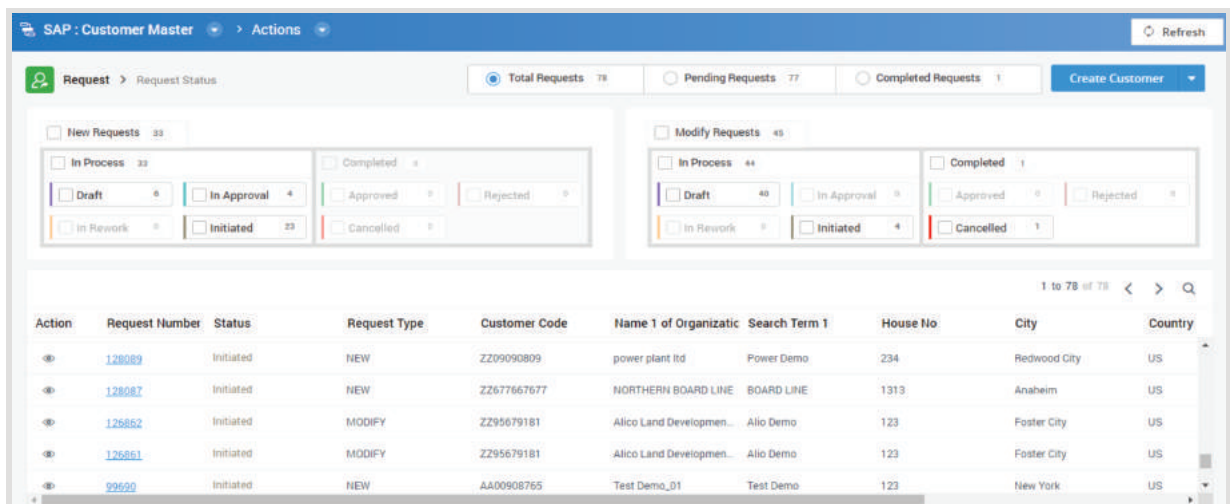
Data Governance

Data Governance with Smart Data Platform

Here's a look at the Governance workflow's 4 steps in detail:

- **Data Requisition:** When a user wants to create a piece of data, they are directed towards a request screen in dataZap. This screen can mimic their application, making it easy to use. dataZap's request screen can be extremely simplified to include only necessary fields & validations to reduce the time a user spends on requests.
- **Data Profiling:** Profiling compares the data that is requested to existing data across applications. Matches and possible duplicates are identified, and a steward's action is prompted to either push the request forward or backward. Matches are assessed using the edit-distance algorithm, and rules are created based on unique business needs, with no-code.
- **Data Collection:** Data collection is performed in the 'Quality Hub'. In this process, the records will be corrected, enriched and sent for final approval. Data correction is done using dataZap's cleansing engine, while enrichment using Dun & Bradstreet or USPS databases are standard capabilities in dataZap.
- **Data Approval:** Collected data is finally approved, and the data is validated, approved and moved to the 'Master hub'.

Here's a look at dataZap's dashboards for Data Approval. Dashboards are also available for Requisition, profiling & collection processes.



The screenshot displays the SAP Customer Master dashboard for request management. It features a top navigation bar with 'SAP: Customer Master' and 'Actions'. Below this, there are summary cards for 'New Requests' (33) and 'Modify Requests' (45). Each card shows a breakdown of request statuses: In Process, Draft, In Approval, Approved, Rejected, In Rework, Initiated, and Cancelled. A table below the cards lists individual requests with columns for Action, Request Number, Status, Request Type, Customer Code, Name 1 of Organizatic, Search Term 1, House No, City, and Country.

Action	Request Number	Status	Request Type	Customer Code	Name 1 of Organizatic	Search Term 1	House No	City	Country
	128089	Initiated	NEW	ZZ09090809	power plant ltd	Power Demo	234	Redwood City	US
	128087	Initiated	NEW	ZZ677667677	NORTHERN BOARD LINE	BOARD LINE	1313	Anaheim	US
	126852	Initiated	MODIFY	ZZ95679181	Alico Land Developmen...	Alico Demo	123	Foster City	US
	126851	Initiated	MODIFY	ZZ95679181	Alico Land Developmen...	Alico Demo	123	Foster City	US
	99990	Initiated	NEW	AA00908765	Test Demo_01	Test Demo	123	New York	US



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