

Letter Dataset Specification

The "Letter Dataset Specification" is a structured framework designed to manage and track the lifecycle of letters and correspondence within an organization. This dataset is crucial for organizations that rely on formal communication and documentation, ensuring that all correspondence is meticulously recorded and monitored. The key components of this dataset include:

- Letter
- Letter Outcomes
- Letter Log
- Letter Raw
- Letter Assessment Response IDs
- Letter_Copy_Recipients

- Letter Records:** This table documents each letter's details, including its purpose, recipient, and content. It provides a structured way to manage the formal communications sent from the organization, ensuring clarity and accountability.
- Letter Outcomes:** Records the results or responses generated by each letter. This table provides insight into the effectiveness of the communications, helping to understand how recipients react and respond to the letters.
- Letter Log:** Tracks the history and changes made to the letters, offering an audit trail of the correspondence process. This log is essential for maintaining transparency and tracking the evolution of each piece of correspondence.
- Letter Raw Data:** Contains unprocessed, detailed data related to the letters. This table captures all aspects of the communication for comprehensive analysis and record-keeping, providing a granular view that can be crucial for detailed audits and reviews.

This dataset plays a pivotal role in ensuring effective management of formal communications within an organization, aiding in both operational efficiency and compliance with documentation standards.

Letter

Column Name	Is Nullable	Data Type	Description
Member_ID	YES	STRING	ID of the member or patient associated with the letter.
Letter_Key	YES	STRING	Unique identifier for the letter.
Letter_Name	YES	STRING	Name or title of the letter.

Column Name	Is Nullable	Data Type	Description
Letter_Description	YES	STRING	Description or content of the letter.
Reference_Number	YES	STRING	Reference number associated with the letter.
Selected_Timestamp	YES	TIMESTAMP	Timestamp when the letter was selected or generated.
Letter_Class	YES	STRING	Class or category of the letter. See Dictionary Letter Class table in the Dictionary Dataset Specification.
Letter_Class_Description	YES	STRING	Description of the class or category of the letter. See Dictionary Letter Class table in the Dictionary Dataset Specification.
Request_Key	YES	INT64	Key or identifier associated with the request.
Appeal_Level_Key	YES	INT64	Key or identifier associated with the appeal level.
Screening_Request_Key	YES	INT64	Key or identifier associated with the screening request.
Request_ID	YES	STRING	ID of the request associated with the letter.
Program_ID	YES	STRING	ID of the program or system related to the letter.
Appeal_Level_ID	YES	STRING	ID of the appeal level related to the letter.
Letter_Action	YES	STRING	Action or status related to the letter. See Dictionary Letter Action table in the Dictionary Dataset Specification.
Letter_Action_Description	YES	STRING	Description of the action or status related to the letter. See Dictionary Letter Action table in the Dictionary Dataset Specification.
Letter_State	YES	STRING	State or condition of the letter.
Letter_State_Description	YES	STRING	Description of the state or condition of the letter.
Letter_State_Timestamp	YES	TIMESTAMP	Timestamp indicating the state or condition change of the letter.
Created_User_ID	YES	STRING	ID of the user who created the letter.
Created_User_Name	YES	STRING	Name of the user who created the letter.
Letter_Invalidated	YES	BOOL	Indicates whether the letter is invalidated or no longer valid. This status is determined based on the Letter_State. If the Letter_State is 'REQUEST_MOVED' or 'PROGRAM_MOVED', the value is true; otherwise, it is false.

Column Name	Is Nullable	Data Type	Description
Error_Text	YES	STRING	Text describing any errors or issues related to the letter.
Document_Location	YES	STRING	Location or path where the letter document is stored.
Document_ID	YES	STRING	ID of the document associated with the letter.
Created_Timestamp	YES	TIMESTAMP	Timestamp when the letter was created.
Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp when the letter was last modified.
Recipient_Actor_Type	YES	STRING	Type of actor, such as a member or provider, that the letter was sent to.
Recipient_ID	YES	STRING	Unique identifier of the recipient who received the letter.
Recipient_Provider_Type	YES	STRING	Type classification of the provider recipient, populated when the recipient is a provider.

Letter Outcomes

Column Name	Is Nullable	Data Type	Description
Letter_Outcome_Key	YES	INT64	Unique key or identifier for the letter outcome.
Letter_Key	YES	STRING	Key or identifier linking the outcome to a specific letter.
Outcome_Status	YES	STRING	Status or state of the outcome.
Outcome_Status_Description	YES	STRING	Description explaining the status or state of the outcome.
Outcome_Reason	YES	STRING	Reason associated with the outcome.
Outcome_Reason_Description	YES	STRING	Description explaining the reason for the outcome.
Outcome_ID	YES	STRING	ID or identifier of the outcome.
Created_Timestamp	YES	TIMESTAMP	Timestamp indicating when the outcome was created.
Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last modification time for the outcome.

Letter Log

Column Name	Is Nullable	Data Type	Description
Member_ID	YES	STRING	Identifier for the member associated with the letter.
Letter_Key	YES	STRING	Unique key or identifier for the letter.

Column Name	Is Nullable	Data Type	Description
Letter_Name	YES	STRING	Name or title of the letter.
Letter_Description	YES	STRING	Description or content of the letter.
Reference_Number	YES	STRING	Reference number associated with the letter.
Selected_Timestamp	YES	TIMESTAMP	Timestamp indicating when the letter was selected or created.
Letter_Class	YES	STRING	Class or category of the letter. See Dictionary Letter Class table in the Dictionary Dataset Specification.
Letter_Class_Description	YES	STRING	Description explaining the letter class. See Dictionary Letter Class table in the Dictionary Dataset Specification.
Request_Key	YES	INT64	Key or identifier for the request associated with the letter.
Appeal_Level_Key	YES	INT64	Key or identifier for the appeal level related to the letter.
Screening_Request_Key	YES	INT64	Key or identifier for the screening request linked to the letter.
Request_ID	YES	STRING	ID or number of the request related to the letter.
Program_ID	YES	STRING	Identifier for the program associated with the letter.
Appeal_Level_ID	YES	STRING	ID or level of appeal linked to the letter.
Letter_Action	YES	STRING	Action performed on the letter. See Dictionary Letter Action table in the Dictionary Dataset Specification.
Letter_Action_Description	YES	STRING	Description explaining the action taken on the letter. See Dictionary Letter Action table in the Dictionary Dataset Specification.
Letter_State	YES	STRING	State or status of the letter.
Letter_State_Description	YES	STRING	Description explaining the current state or status of the letter.
Letter_State_Timestamp	YES	TIMESTAMP	Timestamp indicating the time when the letter state changed.
Created_User_ID	YES	STRING	ID of the user who created the letter.
Error_Text	YES	STRING	Text describing any errors or issues related to the letter.
Document_Location	YES	STRING	Location or path where the document associated with the letter is stored.

Column Name	Is Nullable	Data Type	Description
Document_ID	YES	STRING	ID or identifier of the document linked to the letter.
Created_Timestamp	YES	TIMESTAMP	Timestamp indicating when the letter was created.
Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last modification time for the letter.
Outcomes	NO	ARRAY	Outcomes or results associated with the letter.
Outcomes.Key	YES	INT64	Unique key or identifier for the letter outcome.
Outcomes.Outcome_Status	YES	STRING	Status or state of the outcome.
Outcomes.Outcome_Status_Description	YES	STRING	Description explaining the status or state of the outcome.
Outcomes.Outcome_Reason	YES	STRING	Reason associated with the outcome.
Outcomes.Outcome_Reason_Description	YES	STRING	Description explaining the reason for the outcome.
Outcomes.Outcome_ID	YES	STRING	ID or identifier of the outcome.
Outcomes.Created_Timestamp	YES	TIMESTAMP	Timestamp indicating when the outcome was created.
Outcomes.Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last modification time for the outcome.
Record_Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last modification time for the record.
Transaction_User_ID	YES	STRING	ID of the user associated with the transaction or activity related to the letter.
Type	YES	STRING	Type or category of the letter log entry.
Tenant	YES	STRING	Tenant or organization associated with the letter log entry.
Active_Version	YES	BOOL	Version or status indicating the active state of the letter log entry.
Date	YES	DATE	Date when the letter log entry was recorded or created.
Sequence	YES	INT64	Sequence number or order of the letter log entry.
Source_System_Name	YES	STRING	Name of the source system from which the letter log entry originated.
Source_Timestamp	YES	TIMESTAMP	Timestamp indicating when the source system generated the letter log entry.
Source_File_Name	YES	STRING	Name of the source file associated with the letter log entry.
Deleted_Indicator	NO	BOOL	Indicator showing whether the letter log entry has been deleted.

Column Name	Is Nullable	Data Type	Description
Schema_Version	YES	FLOAT64	Version of the schema or data structure used in the letter log entry.
Member_Partition	YES	INT64	Partition or segment of members associated with the letter log entry.
Action	YES	STRING	Action or operation performed on the letter log entry.
Transaction_Actor_Type	YES	STRING	Type of the actor performing the transaction.
Assessment_Response_IDs	YES	ARRAY	Contains the unique identifiers of assessment responses associated with the letter.
Copy_Recipients	YES	ARRAY	Lists the recipients who will receive a copy of the letter.
Copy_Recipients.Created_Timestamp	YES	TIMESTAMP	Records the date and time when the copy recipient entry was created.
Copy_Recipients.Key	YES	STRING	Stores the unique key identifying the copy recipient entry.
Copy_Recipients.Last_Modified_Timestamp	YES	TIMESTAMP	Records the date and time when the copy recipient entry was last modified.
Copy_Recipients.Recipient_Actor_Type	YES	STRING	Specifies the type of actor (e.g., patient, provider) for the copy recipient.
Copy_Recipients.Recipient_ID	YES	STRING	Contains the unique identifier for the copy recipient.
Copy_Recipients.Recipient_Provider_Type	YES	STRING	Indicates the provider type of the copy recipient.
Copy_Recipients.Request_Provider_Role	YES	STRING	Specifies the role of the provider who requested the copy recipient.
Copy_Recipients.Status	YES	STRING	Indicates the current status of the copy recipient entry.
Note_Keys	YES	ARRAY	Contains the keys referencing notes associated with the letter.
Recipient_Actor_Type	YES	STRING	Specifies the type of actor (e.g., patient, provider) for the main recipient of the letter.
Recipient_ID	YES	STRING	Contains the unique identifier for the main recipient of the letter.
Recipient_Provider_Type	YES	STRING	Indicates the provider type of the main recipient of the letter.

Letter Raw

Column Name	Is Nullable	Data Type	Description
Member_ID	YES	STRING	Identifier or key for the member associated with the letter.

Column Name	Is Nullable	Data Type	Description
Letter_Key	YES	STRING	Unique key or identifier for the letter.
Letter_Name	YES	STRING	Name or title of the letter.
Letter_Description	YES	STRING	Description or content of the letter.
Reference_Number	YES	STRING	Reference number associated with the letter.
Selected_Timestamp	YES	TIMESTAMP	Timestamp indicating when the letter was selected or chosen.
Letter_Class	YES	STRING	Class or category of the letter. See Dictionary Letter Class table in the Dictionary Dataset Specification.
Letter_Class_Description	YES	STRING	Description explaining the class or category of the letter. See Dictionary Letter Class table in the Dictionary Dataset Specification.
Request_Key	YES	INT64	Key or identifier linking the letter to a request.
Appeal_Level_Key	YES	INT64	Key or identifier indicating the appeal level.
Screening_Request_Key	YES	INT64	Key or identifier related to screening requests.
Request_ID	YES	STRING	ID or identifier of the request.
Program_ID	YES	STRING	ID or identifier of the program.
Appeal_Level_ID	YES	STRING	ID or identifier of the appeal level.
Letter_Action	YES	STRING	Action associated with the letter. See Dictionary Letter Action table in the Dictionary Dataset Specification.
Letter_Action_Description	YES	STRING	Description explaining the action associated with the letter. See Dictionary Letter Action table in the Dictionary Dataset Specification.
Letter_State	YES	STRING	State or status of the letter.
Letter_State_Description	YES	STRING	Description explaining the state or status of the letter.
Letter_State_Timestamp	YES	TIMESTAMP	Timestamp indicating the state or status change time.
Created_User_ID	YES	STRING	ID or identifier of the user who created the letter.
Error_Text	YES	STRING	Text describing any errors associated with the letter.

Column Name	Is Nullable	Data Type	Description
Document_Location	YES	STRING	Location or path of the document associated with the letter.
Document_ID	YES	STRING	ID or identifier of the document associated with the letter.
Created_Timestamp	YES	TIMESTAMP	Timestamp indicating when the letter was created.
Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last modification time for the letter.
Outcomes	NO	ARRAY	Outcomes or results associated with the letter.
Outcomes.Key	YES	INT64	Unique key or identifier for the letter outcome.
Outcomes.Outcome_Status	YES	STRING	Status or state of the outcome.
Outcomes.Outcome_Status_Description	YES	STRING	Description explaining the status or state of the outcome.
Outcomes.Outcome_Reason	YES	STRING	Reason associated with the outcome.
Outcomes.Outcome_Reason_Description	YES	STRING	Description explaining the reason for the outcome.
Outcomes.Outcome_ID	YES	STRING	ID or identifier of the outcome.
Outcomes.Created_Timestamp	YES	TIMESTAMP	Timestamp indicating when the outcome was created.
Outcomes.Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last modification time for the outcome.
Record_Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last modification time for the record.
Transaction_User_ID	YES	STRING	ID or identifier of the user associated with the transaction.
Type	YES	STRING	Type or category of the letter.
Tenant	YES	STRING	Tenant or organization associated with the letter.
Active_Version	YES	BOOL	Active version or status of the letter.
Date	YES	DATE	Date associated with the letter.
Sequence	YES	INT64	Sequence or order of the letter.
Source_System_Name	YES	STRING	Name of the source system from which the letter originated.
Source_Timestamp	YES	TIMESTAMP	Timestamp indicating the source time of the letter.
Source_File_Name	YES	STRING	Name of the source file from which the letter was generated.

Column Name	Is Nullable	Data Type	Description
Deleted_Indicator	NO	BOOL	Indicator showing whether the letter has been deleted.
Schema_Version	YES	FLOAT64	Version of the schema used for the letter.
Member_Partition	YES	INT64	Partition or segment associated with the member.
Transaction_Actor_Type	YES	STRING	Type of the actor performing the transaction.
Assessment_Response_IDs	YES	ARRAY	Contains the unique identifiers of assessment responses associated with the letter.
Copy_Recipients	YES	ARRAY	Lists the recipients who will receive a copy of the letter.
Copy_Recipients.Created_Timestamp	YES	TIMESTAMP	Records the date and time when the copy recipient entry was created.
Copy_Recipients.Key	YES	STRING	Stores the unique key identifying the copy recipient entry.
Copy_Recipients.Last_Modified_Timestamp	YES	TIMESTAMP	Records the date and time when the copy recipient entry was last modified.
Copy_Recipients.Recipient_Actor_Type	YES	STRING	Specifies the type of actor (e.g., patient, provider) for the copy recipient.
Copy_Recipients.Recipient_ID	YES	STRING	Contains the unique identifier for the copy recipient.
Copy_Recipients.Recipient_Provider_Type	YES	STRING	Indicates the provider type of the copy recipient.
Copy_Recipients.Request_Provider_Role	YES	STRING	Specifies the role of the provider who requested the copy recipient.
Copy_Recipients.Status	YES	STRING	Indicates the current status of the copy recipient entry.
Note_Keys	YES	ARRAY	Contains the keys referencing notes associated with the letter.
Recipient_Actor_Type	YES	STRING	Specifies the type of actor (e.g., patient, provider) for the main recipient of the letter.
Recipient_ID	YES	STRING	Contains the unique identifier for the main recipient of the letter.
Recipient_Provider_Type	YES	STRING	Indicates the provider type of the main recipient of the letter.

Letter Assessment Response IDs

Column Name	Is Nullable	Data Type	Description
Assessment_Response_ID	YES	STRING	Unique identifier of the assessment response referenced by the letter.

Column Name	Is Nullable	Data Type	Description
Letter_Key	YES	STRING	Unique key identifying the letter associated with the assessment response.

Letter_Copy_Recipients

Column Name	Is Nullable	Data Type	Description
Copy_Recipient_Actor_Type	YES	STRING	Type of actor, such as a member or provider, for the copy recipient.
Copy_Recipient_Created_Timestamp	YES	TIMESTAMP	Date and time when the copy recipient record was created.
Copy_Recipient_ID	YES	STRING	Unique identifier of the copy recipient.
Copy_Recipient_Key	YES	STRING	Unique key identifying the copy recipient record.
Copy_Recipient_Last_Modified_Timestamp	YES	TIMESTAMP	Date and time when the copy recipient record was last modified.
Copy_Recipient_Provider_Type	YES	STRING	Type classification of the provider copy recipient, populated when applicable.
Copy_Recipient_Request_Provider_Role	YES	STRING	Role of the provider copy recipient in relation to the associated request.
Copy_Recipient_Status	YES	STRING	Current status of the copy recipient record, such as active or removed.
Letter_Key	YES	STRING	Unique key identifying the letter associated with the copy recipient.