Attachment Dataset Specification

The "Attachment Dataset Specification" is meticulously designed to manage and track attachments within healthcare systems, adhering to healthcare-specific standards for data security, privacy, and integrity. This dataset is crucial for organizing and maintaining supplementary documentation related to patient care, administrative processes, and healthcare operations. It includes the following key tables:

Attachment

Attachment Log

Attachment Raw

- **Attachment**: Stores records of various documents or files attached to specific entities within the healthcare system, such as patient records, treatment plans, or administrative documents. Each entry includes details about the attachment type, content, and purpose, ensuring that all relevant information is systematically cataloged and easily accessible.
- **Attachment Log**: Maintains a detailed history of changes, updates, and actions taken on attachments. This log provides a chronological audit trail of when and by whom attachments were accessed, modified, or removed, supporting transparency, accountability, and compliance with healthcare regulations.
- **Attachment Raw**: Contains unprocessed, detailed data related to the attachments. This raw data is essential for in-depth analysis, auditing, and research, offering a granular view of all attachment-related activities before any aggregation or transformation.

This dataset is vital for healthcare organizations aiming to enhance their document management practices, ensuring the integrity and traceability of all supplementary documentation. By providing a robust framework for managing attachments, this dataset supports the delivery of high-quality patient care and efficient administrative operations.

Attachment

Column Name	Is Nullable	Data Type	Description
Attachment_Key	YES	INT64	Unique identifier for a specific attachment record in the system.
Member_Key	YES	STRING	Unique identifier for the member associated with this attachment.
Member_ID	YES	STRING	Member identification number.
Screening_Key	YES	INT64	Unique identifier for the screening associated with this attachment, if applicable.
Program_ID	YES	STRING	Identifier for the program associated with this attachment, if applicable.
Request_Key	YES	INT64	Unique identifier for the request associated with this attachment, if applicable.
Request_ID	YES	STRING	Request identification number, if applicable.

Column Name	Is Nullable	Data Type	Description
Document_ID	YES	STRING	Unique identifier for the document within the system.
External_Document_ID	YES	STRING	Identifier for the document in an external system, if applicable.
Owner_User_ID	YES	STRING	Identifier of the user who owns or is responsible for the attachment.
Owner_User_Name	YES	STRING	Name of the user who owns or is responsible for the attachment.
Attachment_Class	YES	STRING	Classification or category of the attachment.
Attachment_Class_Description	YES	STRING	Detailed description of the attachment classification.
Attachment_Type	YES	STRING	Type or format of the attachment.
Attachment_Type_Description	YES	STRING	Detailed description of the attachment type.
Attachment_Status	YES	STRING	Current status of the attachment.
Attachment_Status_Description	YES	STRING	Detailed description of the attachment status.
Source_System	YES	STRING	System from which the attachment originated.
Source_System_Description	YES	STRING	Description of the source system.
Title	YES	STRING	Title or name given to the attachment.
Location	YES	STRING	Storage location or path of the attachment.
File_Name	YES	STRING	Name of the attachment file.
Active	YES	BOOL	Indicator of whether the attachment is currently active.
Uploaded_Timestamp	YES	TIMESTAMP	Timestamp when the attachment was uploaded to the system.
Created_Timestamp	YES	TIMESTAMP	Timestamp when the attachment record was created.
Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp of the last modification to the attachment record.

Attachment Log

Column Name	Is Nullable	Data Type	Description
Member_ID	YES	STRING	Identifier for the member associated with the attachment.
Attachment_Key	YES	INT64	Unique identifier for the attachment record.
Attachment_Class	YES	STRING	Category or class of the attachment.

Column Name	Is Nullable	Data Type	Description
Attachment_Class_Description	YES	STRING	Detailed description of the attachment class.
Screening_Key	YES	INT64	Identifier linking the attachment to a specific screening, if applicable.
Request_Key	YES	INT64	Key relating the attachment to a specific request or case.
Member_Key	YES	STRING	Unique identifier for the member in the context of the attachment.
Program_ID	YES	STRING	Identifier for the program associated with the attachment.
Request_ID	YES	STRING	Specific request identifier associated with the attachment.
Attachment_Type	YES	STRING	Type or format of the attachment (e.g., PDF, image).
Attachment_Type_Description	YES	STRING	Descriptive details about the type of attachment.
Attachment_Status	YES	STRING	Current status of the attachment (e.g., active, archived).
Attachment_Status_Description	YES	STRING	Description of what each status represents.
Title	YES	STRING	Title or name given to the attachment.
Location	YES	STRING	Storage location or path of the attachment.
File_Name	YES	STRING	Name of the file attached.
Document_ID	YES	STRING	Internal identifier for the document.
External_Document_ID	YES	STRING	External or third-party identifier for the attachment.
Uploaded_Timestamp	YES	TIMESTAMP	Date and time the attachment was uploaded.
Active	YES	BOOL	Indicates whether the attachment is currently active or not.
Source_System	YES	STRING	System from which the attachment originated.
Source_System_Description	YES	STRING	Description of the source system.
Owner_User_ID	YES	STRING	User ID of the individual who owns the attachment.
Created_Timestamp	YES	TIMESTAMP	Timestamp for when the attachment was initially created.
Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp for the most recent modification to the attachment.
Record_Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp indicating the last change to the record.
Transaction_User_ID	YES	STRING	Identifier for the user who performed the last transaction on the attachment.
Deleted_Indicator	YES	BOOL	Flag indicating if the attachment has been marked as deleted.

Column Name	Is Nullable	Data Type	Description
Type	YES	STRING	General type classification of the attachment.
Tenant	YES	STRING	Identifier for the tenant or domain within which the attachment is managed.
Active_Version	YES	BOOL	Indicates whether this version of the attachment is the active one in use.
Date	YES	DATE	Date associated with the attachment record.
Sequence	YES	INT64	Sequence number for the attachment, indicating its order or version.
Source_System_Name	YES	STRING	Name of the system from which the attachment originates.
Source_Timestamp	YES	TIMESTAMP	Timestamp from the source system when the attachment was created or modified.
Source_File_Name	YES	STRING	File name in the source system for the attachment.
Schema_Version	YES	FLOAT64	Version of the data schema to which the attachment conforms.
Member_Partition	YES	INT64	Partition identifier used for data segmentation and optimization in storage.
_updated	YES	STRING	Indicates when the attachment record was last updated.
Action	YES	STRING	Describes the action taken in the log for the attachment (e.g., created, updated, deleted).
Transaction_Actor_Type	YES	STRING	Type of the actor performing the transaction.
Signed_Document_Indicator	YES	BOOL	Specifies whether the attached document has been signed and is legally valid.

Attachment Raw

Column Name	Is Nullable	Data Type	Description
Member_ID	YES	STRING	Unique identifier for the member associated with the attachment.
Attachment_Key	YES	INT64	Unique key for the attachment.
Attachment_Class	YES	STRING	Class of the attachment, defining its category.
Attachment_Class_Description	YES	STRING	Description of the attachment class.
Screening_Key	YES	INT64	Unique key for the screening associated with the attachment.
Request_Key	YES	INT64	Unique key for the request associated with the attachment.
Member_Key	YES	STRING	Unique key for the member associated with the attachment.
Program_ID	YES	STRING	Identifier for the program associated with the attachment.

Column Name	Is Nullable	Data Type	Description
Request_ID	YES	STRING	Identifier for the request associated with the attachment.
Attachment_Type	YES	STRING	Type of the attachment.
Attachment_Type_Description	YES	STRING	Description of the attachment type.
Attachment_Status	YES	STRING	Status of the attachment.
Attachment_Status_Description	YES	STRING	Description of the attachment status.
Title	YES	STRING	Title of the attachment.
Location	YES	STRING	Location where the attachment is stored.
File_Name	YES	STRING	Name of the file associated with the attachment.
Document_ID	YES	STRING	Unique identifier for the document associated with the attachment.
External_Document_ID	YES	STRING	External identifier for the document associated with the attachment.
Uploaded_Timestamp	YES	TIMESTAMP	Timestamp when the attachment was uploaded.
Active	YES	BOOL	Indicator whether the attachment is active.
Source_System	YES	STRING	Source system from where the attachment originated.
Source_System_Description	YES	STRING	Description of the source system.
Owner_User_ID	YES	STRING	Identifier for the user who owns the attachment.
Created_Timestamp	YES	TIMESTAMP	Timestamp when the attachment was created.
Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp when the attachment was last modified.
Record_Last_Modified_Timestamp	YES	TIMESTAMP	Timestamp when the record was last modified.
Transaction_User_ID	YES	STRING	Identifier for the user who performed the transaction.
Deleted_Indicator	YES	BOOL	Indicator whether the attachment is deleted.
Type	YES	STRING	Type of the attachment.
Tenant	YES	STRING	Tenant associated with the attachment.
Active_Version	YES	BOOL	Indicator whether the attachment is the active version.
Date	YES	DATE	Date associated with the attachment.
Sequence	YES	INT64	Sequence number of the attachment.

Column Name	Is Nullable	Data Type	Description
Source_System_Name	YES	STRING	Name of the source system.
Source_Timestamp	YES	TIMESTAMP	Timestamp when the data was sourced.
Source_File_Name	YES	STRING	Name of the source file.
Schema_Version	YES	FLOAT64	Version of the schema.
Member_Partition	YES	INT64	Partition number for the member associated with the attachment.
_updated	YES	STRING	Timestamp indicating the last update of the attachment record.
Transaction_Actor_Type	YES	STRING	Type of the actor performing the transaction.
Signed_Document_Indicator	YES	BOOL	Specifies whether the attached document has been signed and is legally valid.