Medication Manual Entry Dataset Specification

The "Medication Manual Entry Dataset Specification" is designed to manage and track medications that are manually entered into healthcare systems, ensuring accurate documentation, compliance with healthcare standards, and alignment with patient safety protocols. This dataset plays a crucial role in capturing manual entries of medications that may not be automatically recorded through electronic health record (EHR) systems, supporting the accurate management of prescriptions, treatment plans, and medication-related decisions. The dataset adheres to healthcare-specific standards, ensuring data integrity, patient safety, and compliance with regulatory requirements. It includes the following key tables:

No table of contents entries found.

- **Medication Manual Entry**: Stores detailed information about medications that are manually entered by healthcare providers or administrative staff. This table captures essential details such as medication name, dosage, frequency, prescribing provider, and patient information. This ensures that any manually prescribed or administered medications are accurately documented, reducing the risk of errors and ensuring continuity of care.
- **Medication Manual Entry Log**: Tracks changes, updates, and modifications made to manually entered medications. This log provides an audit trail that ensures transparency, accountability, and compliance with healthcare regulations, such as those mandated by HIPAA. It captures when and by whom entries were modified, helping healthcare organizations monitor medication records for accuracy.
- **Medication Manual Entry Raw**: Contains unprocessed data related to manually entered medications, providing a comprehensive view of medication entries before any transformation or aggregation. This raw data is essential for in-depth analysis, audits, and research purposes, helping to ensure that manual medication entries are captured and recorded accurately.

This dataset is essential for healthcare organizations that handle manual medication entries, ensuring that all medications are properly tracked and documented, even if they are not entered through automated systems. By maintaining a clear audit trail and supporting detailed data analysis, this dataset helps ensure patient safety, medication accuracy, and compliance with healthcare regulations.

Medication Manual Entry

Column Name	Is Nullable	Data Type	Description
Medication_Manual_Entry_Key	NO	STRING	The unique identifier for the manual medication entry.
Member_ID	NO	STRING	The unique identifier of the member associated with the medication entry.
Medication_User_Entered_Name	YES	STRING	The name of the medication as entered by the user.
Status	YES	STRING	The current status of the medication entry (Enum: ACTIVE / INACTIVE / DELETED).
Status_Description	YES	STRING	A description providing more context about the status of the medication entry.
Custom_Medication_Name_Indicator	YES	BOOL	Returns 'false' if the 'Medication_User_Entered_Name' field is empty; otherwise, returns 'true'."

Column Name	Is Nullable	Data Type	Description
National_Drug_Code	YES	STRING	The National Drug Code (NDC) associated with the medication.
National_Drug_Code_Description	YES	STRING	A description of the National Drug Code (NDC) for the medication.
Brand_Name	YES	STRING	The brand name of the medication.
Brand_Or_Generic_Code	YES	STRING	Indicates whether the medication is a brand or generic product.
Drug_Class	YES	STRING	The class of the drug (e.g., analgesic, antihypertensive).
Drug_Class_Description	YES	STRING	A description of the drug class.
Drug_Package_Size	YES	STRING	The size of the drug package (e.g., number of pills, volume of liquid).
Drug_Package_Description	YES	STRING	A description of the drug package.
Drug_Admin_Route	YES	STRING	The route of drug administration (e.g., oral, intravenous).
Drug_Admin_Route_Description	YES	STRING	A description of the drug administration route.
From_Date	YES	DATE	The date when the medication administration started.
To_Date	YES	DATE	The date when the medication administration ended.
Frequency	YES	STRING	The frequency with which the medication is administered.
Frequency_Description	YES	STRING	A description of the medication frequency.
Created_User_ID	YES	STRING	The ID of the user who created the manual medication entry.
Created_User_Name	YES	STRING	The name of the user who created the manual medication entry.
Creator_Type	YES	STRING	The type of user who created the manual medication entry (e.g., healthcare provider, patient).
Last_Modified_User_ID	YES	STRING	The ID of the user who last modified the manual medication entry.
Last_Modified_User_Name	YES	STRING	The name of the user who last modified the manual medication entry.
Last_Modifier_Type	YES	STRING	The type of user who last modified the manual medication entry.
Created_Timestamp	YES	TIMESTAMP	The timestamp when the manual medication entry was created.
Last_Modified_Timestamp	YES	TIMESTAMP	The timestamp when the manual medication entry was last modified.

Medication Manual Entry Log

Column Name	Is Nullable	Data Type	Description
Medication_Manual_Entry_Key	NO	STRING	The unique identifier for the manual medication entry.
Member_ID	NO	STRING	The unique identifier of the member associated with the medication entry.
Medication_User_Entered_Name	YES	STRING	The name of the medication as entered by the user.
Status	YES	STRING	The current status of the medication entry (e.g., active, discontinued).
Status_Description	YES	STRING	A description providing more context about the status of the medication entry.
Custom_Medication_Name_Indicator	YES	STRING	An indicator showing if the medication name is custom-entered rather than selected from a standard list.
National_Drug_Code	YES	STRING	The National Drug Code (NDC) associated with the medication.
National_Drug_Code_Description	YES	STRING	A description of the National Drug Code (NDC) for the medication.
Brand_Name	YES	STRING	The brand name of the medication.
Brand_Or_Generic_Code	YES	STRING	Indicates whether the medication is a brand or generic product.
Drug_Class	YES	STRING	The class of the drug (e.g., analgesic, antihypertensive).
Drug_Class_Description	YES	STRING	A description of the drug class.
Drug_Package_Size	YES	STRING	The size of the drug package (e.g., number of pills, volume of liquid).
Drug_Package_Description	YES	STRING	A description of the drug package.
Drug_Admin_Route	YES	STRING	The route of drug administration (e.g., oral, intravenous).
Drug_Admin_Route_Description	YES	STRING	A description of the drug administration route.
From_Date	YES	DATE	The date when the medication administration started.
To_Date	YES	DATE	The date when the medication administration ended.
Frequency	YES	STRING	The frequency with which the medication is administered.
Frequency_Description	YES	STRING	A description of the medication frequency.
Created_Timestamp	YES	TIMESTAMP	The timestamp when the manual medication entry was created.
Last_Modified_Timestamp	YES	TIMESTAMP	The timestamp when the manual medication entry was last modified.
Created_User_ID	YES	STRING	The ID of the user who created the manual medication entry.
Creator_Type	YES	STRING	The type of user who created the manual medication entry (e.g., healthcare provider, patient).

Column Name	Is Nullable	Data Type	Description
Last_Modified_User_ID	YES	STRING	The ID of the user who last modified the manual medication entry.
Last_Modifier_Type	YES	STRING	The type of user who last modified the manual medication entry.
Record_Last_Modified_Timestamp	NO	TIMESTAMP	The timestamp when the manual medication log record was last modified.
Transaction_User_ID	NO	STRING	The ID of the user associated with the transaction modifying the medication entry.
Deleted_Indicator	NO	BOOL	Indicates whether the manual medication entry has been marked as deleted ('false' by default)
Type	YES	STRING	The type of record for the manual medication entry.
Tenant	YES	STRING	The tenant associated with the manual medication entry.
Active_Version	YES	BOOL	Indicates whether the version of the manual medication entry is active.
Date	YES	DATE	The date related to the manual medication entry.
Sequence	YES	INT64	The sequence number of the manual medication entry record.
Source_System_Name	YES	STRING	The name of the source system that provided the manual medication entry.
Source_Timestamp	YES	TIMESTAMP	The timestamp when the source system provided the manual medication entry.
Source_File_Name	YES	STRING	The file name from the source system containing the manual medication entry.
Schema_Version	YES	FLOAT64	The version of the schema used for the manual medication entry record.
Member_Partition	YES	INT64	The partition for the member data related to the manual medication entry.
_updated	YES	STRING	The field indicating the last update to the manual medication entry log.
Action	YES	STRING	The action performed on the manual medication entry (e.g., created, modified, deleted).
Transaction_Actor_Type	YES	STRING	Type of the actor performing the transaction.

Medication Manual Entry Raw

Column Name	Is Nullable	Data Type	Description
Medication_Manual_Entry_Key	NO	STRING	The unique key identifying a manual medication entry.
Member_ID	NO	STRING	The identifier of the member associated with the medication entry.
Medication_User_Entered_Name	YES	STRING	The name of the medication as entered by the user.
Status	YES	STRING	The current status of the medication entry (e.g., active, discontinued).

Column Name	Is Nullable	Data Type	Description
Status_Description	YES	STRING	A description providing details about the status of the medication entry.
Custom_Medication_Name_Indicator	YES	STRING	An indicator showing if the medication name is custom-entered rather than selected from a standard list.
National_Drug_Code	YES	STRING	The National Drug Code (NDC) for the medication.
National_Drug_Code_Description	YES	STRING	A description of the National Drug Code (NDC) for the medication.
Brand_Name	YES	STRING	The brand name of the medication.
Brand_Or_Generic_Code	YES	STRING	A code indicating whether the medication is a brand or a generic product.
Drug_Class	YES	STRING	The class of the drug (e.g., analgesic, antihypertensive).
Drug_Class_Description	YES	STRING	A description of the drug class.
Drug_Package_Size	YES	STRING	The size of the drug package (e.g., number of pills, volume of liquid).
Drug_Package_Description	YES	STRING	A description of the drug package.
Drug_Admin_Route	YES	STRING	The route of administration for the medication (e.g., oral, intravenous).
Drug_Admin_Route_Description	YES	STRING	A description of the drug administration route.
From_Date	YES	DATE	The start date for the medication administration.
To_Date	YES	DATE	The end date for the medication administration.
Frequency	YES	STRING	The frequency with which the medication is administered.
Frequency_Description	YES	STRING	A description of the frequency of medication administration.
Created_Timestamp	YES	TIMESTAMP	The timestamp when the manual medication entry was created.
Last_Modified_Timestamp	YES	TIMESTAMP	The timestamp when the manual medication entry was last modified.
Created_User_ID	YES	STRING	The ID of the user who created the manual medication entry.
Creator_Type	YES	STRING	The type of the user who created the medication entry (e.g., healthcare provider, patient).
Last_Modified_User_ID	YES	STRING	The ID of the user who last modified the manual medication entry.
Last_Modifier_Type	YES	STRING	The type of the user who last modified the medication entry.
Record_Last_Modified_Timestamp	NO	TIMESTAMP	The timestamp of the most recent modification to the medication entry record.
Transaction_User_ID	NO	STRING	The ID of the user responsible for the transaction involving this medication entry.

Column Name	Is Nullable	Data Type	Description
Deleted_Indicator	NO	BOOL	Indicates whether the medication entry has been deleted ('false' by default).
Type	YES	STRING	The type of the manual medication entry.
Tenant	YES	STRING	The tenant associated with this medication entry.
Active_Version	YES	BOOL	Indicates whether the medication entry is an active version.
Date	YES	DATE	The date associated with the medication entry.
Sequence	YES	INT64	The sequence number for the manual medication entry.
Source_System_Name	YES	STRING	The name of the system from which the medication entry originated.
Source_Timestamp	YES	TIMESTAMP	The timestamp when the source system provided the medication entry.
Source_File_Name	YES	STRING	The file name from the source system that contains the medication entry.
Schema_Version	YES	FLOAT64	The version of the schema used for the manual medication entry record.
Member_Partition	YES	INT64	The partition of the member data related to this medication entry.
_updated	YES	STRING	The timestamp of the last update to the medication entry.
Transaction_Actor_Type	YES	STRING	Type of the actor performing the transaction.