

BUAN 6390.002

Group 5

ClearCare Data Initiative

Data Dictionary

Prof. Mandar Samant

Mentor: Mr. Vijay Koneru

This document provides the data dictionary for the ClearCare Data Initiative. The data dictionary defines key data fields in the database that supports the analysis and visualization of hospital data in the given regions to ensure consistency and proper usage of the data.

Table Name	Field Name	Data Type	Description
Hospital	hospital_id	SERIAL	Unique identifier for each hospital
	hospital_name	VARCHAR	Name of the hospital
	street_address	TEXT	Street address
	city	TEXT	City
	state	TEXT	State
	zip_code	TEXT	Zip code
	region	TEXT	Geographical region of the hospital; accepts the following values based on the project's scope – Orlando-Kissimmee-Sanford, FL Portland-Vancouver-Hillsboro, OR-WA Sacramento-Roseville-Folsom, CA
Procedure	procedure_id	SERIAL	Unique identifier for each procedure.
	billing_code	VARCHAR	Billing code of the procedure
	billing_code_type	VARCHAR	Type of billing code (restricted to CPT)
	description	TEXT	Name/description of the procedure
Insurance Provider	insurance_id	SERIAL	Unique identifier for each insurance provider
	payer_name	VARCHAR	Name of the insurance provider
Insurance Plan	plan_id	SERIAL	Unique identifier for each insurance plan
	insurance_id	INT	Reference to the insurance provider
	plan_name	VARCHAR	Name of the insurance plan
Charges	charge_id	SERIAL	Unique identifier for each charge
	hospital_id	INT	Reference to the hospital that provides the charge
	procedure_id	INT	Reference to the procedure that the charge is associated with
	plan_id	INT	Reference to the insurance plan
	standard_charge	DECIMAL	The charge for a procedure from the chargemaster without any discounts

Table Name	Field Name	Data Type	Description
	negotiated_dollar	DECIMAL	Payer-specific negotiated charge of the procedure in dollars
	negotiated_percentage	DECIMAL	Payer-specific negotiated charge of the procedure in percentage
	estimated_amount	DECIMAL	The average dollar amount that the hospital has historically received from a payer
	min_charge	DECIMAL	The lowest charge negotiated with the payer
	max_charge	DECIMAL	The highest charge negotiated with the payer