

# Metadata - Case Study:

## Analyzing Healthcare data in Power BI

### Hospital Discharges

Column	Description	Datatype
<b>health_service_area</b>	Description of the health service area in which the hospital is located.	text
<b>hospital_county</b>	Description of the county in which the hospital is located.	text
<b>operating_certificate_number</b>	The facility Operating Certificate Number as assigned by New York State Department of Health.	text
<b>facility_id</b>	Permanent Facility Identifier (PFI).	number
<b>facility_name</b>	The name of the facility where services were performed based on the Permanent Facility Identifier (PFI), as maintained by the NYSDOH Division of Health Facility Planning	text
<b>age_group</b>	Age in years at time of discharge. Grouped into the following age groups: 0 to 17, 18 to 29, 30 to 49, 50 to 69, and 70 or Older.	text
<b>zip_code_3_digits</b>	The first three digits of the patient's zip code. Blank for: - population size less than 20,000 or cell size less than 10 on population classification strata. "OOS" are Out of State zip codes.	text
<b>gender</b>	Patient gender: (M) Male, (F) Female, (U) Unknown.	text
<b>race</b>	Black/African American, Multi, Other Race, Unknown, White. Other Race includes Native Americans and Asian/Pacific Islander.	text
<b>ethnicity</b>	The ethnicity of the patient: Spanish/Hispanic Origin, Not of Spanish/Hispanic Origin, Multi, Unknown	text
<b>length_of_stay</b>	The total number of patient days at an acute level and/or other than acute care level (excluding leave of absence days) (Discharge Date - Admission Date) + 1. Length of Stay greater than or equal to 120 days has been aggregated to 120+ days.	text
<b>type_of_admission</b>	A description of the manner in which the patient was admitted to the health care facility: Elective, Emergency, Newborn, Not Available, Trauma, Urgent.	text
<b>patient_disposition</b>	The patient's destination or status upon discharge.	text
<b>discharge_year</b>	The year (CCYY) of discharge.	number
<b>ccs_diagnosis_code</b>	AHRQ Clinical Classification Software (CCS) Diagnosis Category Code. More information on the CCS system may be found at the direct link: <a href="http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp">http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp</a>	number
<b>ccs_diagnosis_description</b>	AHRQ Clinical Classification Software (CCS) Diagnosis Category Description. More information on the CCS system may be found at the direct link: <a href="http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp">http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp</a>	text
<b>ccs_procedure_code</b>	AHRQ Clinical Classification Software (CCS) ICD-9 Procedure Category Code. More information on the CCS system may be found at the direct link: <a href="http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp">http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp</a>	number
<b>ccs_procedure_description</b>	AHRQ Clinical Classification Software (CCS) ICD-9 Procedure Category Description. More information on the CCS system may be found at the direct link: <a href="http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp">http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp</a>	text
<b>apr_drg_code</b>	The APR-DRG Classification Code In Calendar Year 2011, Version 28 of the APR-DRG Grouper. <a href="http://www.health.ny.gov/statistics/sparcs/sysdoc/appy.htm">http://www.health.ny.gov/statistics/sparcs/sysdoc/appy.htm</a>	number
<b>apr_drg_description</b>	The APR-DRG Classification Code Description In Calendar Year 2011, Version 28 of the APR-DRG Grouper. <a href="http://www.health.ny.gov/statistics/sparcs/sysdoc/appy.htm">http://www.health.ny.gov/statistics/sparcs/sysdoc/appy.htm</a>	text
<b>apr_mdc_code</b>	All Patient Refined Major Diagnostic Category (APR MDC) Code. APR-DRG Codes 001-006 and 950-956 may group to more than one MDC Code. All other APR DRGs group to one MDC category.	number
<b>apr_mdc_description</b>	All Patient Refined Major Diagnostic Category (APR MDC) Description.	text
<b>apr_severity_of_illness_code</b>	The APR-DRG Severity of Illness Code: 1, 2, 3, 4	number
<b>apr_severity_of_illness_description</b>	All Patient Refined Severity of Illness (APR SOI) Description. Minor (1), Moderate (2), Major (3), Extreme (4).	text
<b>apr_risk_of_mortality</b>	All Patient Refined Risk of Mortality (APR ROM). Minor (1), Moderate (2), Major (3), Extreme (4).	text
<b>apr_medical_surgical_description</b>	The APR-DRG specific classification of Medical, Surgical or Not Applicable.	text
<b>attending_provider_license_number</b>	The professional license number, issued by the New York State Department of Education, used to identify the physician or other health care professional primarily responsible for the care of the patient.	text
<b>operating_provider_license_number</b>	The professional license number, issued by the New York State Department of Education, used to identify the physician or other health care professional who performed the principal procedure.	text
<b>total_charges</b>	Total charges for the discharge.	number
<b>total_costs</b>	Total estimated costs for the discharge.	number