

insightsDB

- Data from community hospitals across the U.S.
- Hospital size ranging from 25 to 500+ beds. Average bed size 160
- 2.8 million approximate annual encounters
- 1.4 million approximate annual unique patients
- All payers
- Up to five years of historical data available

Product Overview

insightsDB is a repository of Electronic Health Record (EHR) data from over 75 community hospitals from more than 30 states. This source includes inpatient and outpatient encounters for approximately 4 million unique patients with over 10 million encounters. Patients can be tracked from admission through discharge during an encounter and longitudinally over multiple encounters.

Data is updated monthly, one month after encounters occur.

Product Features

Sample Deidentified Structured Data

- Sample deidentified data provided as Excel files
- Standard delivery is in a delimited format
- Longitudinal tracking of same patient encounters

Sample Deidentified Non-structured Data

- Sample notes are provided in a large text file containing all notes for an encounter
- Each of the sample notes files contain between 12 and 30 separate notes.
- For standard delivery, notes are separated by note type (operative note, discharge summary, etc.)

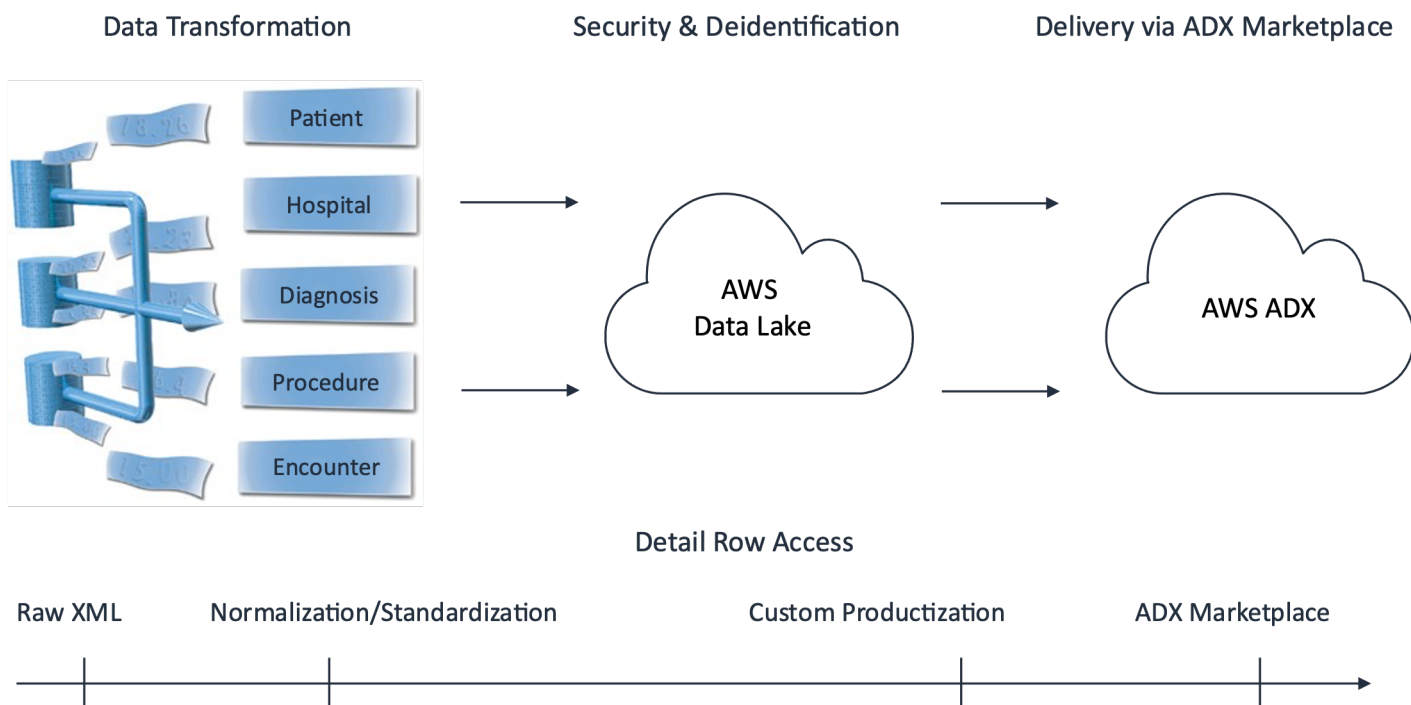
Key insightsDB Data Not Found in Claims Data

- Drugs given, timing and dosing
- Patient location (e.g., ICU, floor, ER)
- Lab results, timing by day and hour
- Physician roles (e.g., surgeon, attending)
- Text notes (operative notes, history and physical exam, radiology reports, etc.)

How it works

insightsDB includes data from hospital Electronic Health Record (EHR) systems, reaching well beyond claims and Rx data to include clinical data elements, such as lab results, drugs given and when they were given, and patient locations throughout the hospital stay. This detail provides a picture of the patient's journey through their hospital stay.

Participating hospitals are community hospitals in 32 states; this unique hospital population allows a detailed assessment of care outside of academic centers and large healthcare networks.



insightsDB has been used by top researchers



HARVARD
MEDICAL SCHOOL



Dana-Farber
Cancer Institute

Solution available in [AWS Marketplace](#)

insightsDB - Data Dictionary

TABLE NAME	FIELD_NAME	FIELD DESCRIPTION	EXAMPLES
PatientCPT	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientCPT	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientCPT	seq	SEQUENCE NUMBER FOR CODES	1
PatientCPT	cpt	CPT CODE	87635
PatientDiagnosis	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientDiagnosis	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientDiagnosis	diagnosis	ICD DIAGNOSIS CODE	I08.1
PatientDiagnosis	sequenceNumber	SEQUENCE NUMBER FOR CODES	1=PRINCIPAL DIAGNOSIS
PatientDrug	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientDrug	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientDrug	ndcNumber	NDC CODE	63323056894
PatientDrug	mnemonic	SHORT ALPHANUMERIC IDENTIFIER	ENOX30DI6
PatientDrug	route	ROUTE	PO
PatientDrug	meds	DRUG NAME	LEVOTHYROXINE88 MCG
PatientDrug	doses	DOSES	1
PatientDrug	units	UNITS	MG
PatientDrug	dateOrdered	DATE ORDERED	2019-12-20 11:30:00
PatientDrug	dateGiven	DATE GIVEN	2109-12-20 11:55:00
PatientHospitalEncounter	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientHospitalEncounter	patientId	UNIQUE PATIENT ID	ALPHANUMERIC
PatientHospitalEncounter	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientHospitalEncounter	drgCode	DRG_CODE	312
PatientHospitalEncounter	disposition	DISCHARGE LOCATION	HOME
PatientHospitalEncounter	dispositionCode	DISCHARGE GROUP	1
PatientHospitalEncounter	patientStatus	STATUS	ER
PatientHospitalEncounter	startDate	START OF ENCOUNTER	2019-12-20 11:30:00
PatientHospitalEncounter	endDate	END OF ENCOUNTER	2109-12-20 21:55:00
PatientProfile	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientProfile	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientProfile	age	AGE	22
PatientProfile	race	RACE	AFRICAN-AMERICAN
PatientProfile	raceGroup	RACE GROUP	4
PatientProfile	sex	SEX	F
PatientInsurance	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientInsurance	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientInsurance	sequenceNumber	SEQUENCE NUMBER	1
PatientInsurance	group	INSURANCE TYPE	MEDICARE
PatientLocation	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientLocation	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientLocation	locationName	LOCATION_NAME	CRITICAL CARE UNIT
PatientLocation	locationGroup	LOCATION TYPE	ICU
PatientLocation	sequenceNumber	SEQUENCE NUMBER	2
PatientLocation	arrivalDate	ARRIVAL AT LOCATION	2019-11-12 10:30:00
PatientProcedure	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientProcedure	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientProcedure	procedureName	ICD10 PROCEDURE CODE	3E0F7GC
PatientProcedure	sequenceNumber	SEQUENCE NUMBER FOR CODES	1=PRINCIPAL PROCEDURE
PatientProcedure	datePerformed	DATE PERFORMED	2019-12-13 00:00:00
PatientProviderInteraction	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientProviderInteraction	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientProviderInteraction	physicianRole	TYPE_OF_DOCTOR	ADMITTING PHYSICIAN
PatientProviderInteraction	mnemonic	MNEMONIC OF PROVIDER IN ROLE	ALPHANUMERIC
PatientTestResult	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientTestResult	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientTestResult	testName	LAB IDENTIFIER	400.10180
PatientTestResult	name	DESCRIPTION OF TEST	SERUM POTASSIUM
PatientTestResult	results	RESULTS	2.2
PatientTestResult	units	UNITS	mmol/L
PatientTestResult	normalRange	NORMAL_RANGE	3.5-5.1
PatientTestResult	orderingPhysician	PROVIDER ORDERING TEST	ALPHANUMERIC
PatientTestResult	resultTime	RESULT TIME	2019-01-04 11:47:00
PatientTestResult	testCode	LOINC CODE	Standard LOINC code
PatientHcpcs	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientHcpcs	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientHcpcs	hcpcsCode	HCPCS CODE	Standard HCPCS Code
PatientBmi	hospitalId	UNIQUE HOSPITAL IDENTIFIER	ALPHANUMERIC
PatientBmi	encounterId	UNIQUE VISIT ID	ALPHANUMERIC
PatientBmi	bmi	BODY MASS INDEX	27.2
PatientBmi	heightCm	HEIGHT IN CENTIMETERS	183
PatientBmi	weightKg	WEIGHT IN KILOGRAMS	81.6