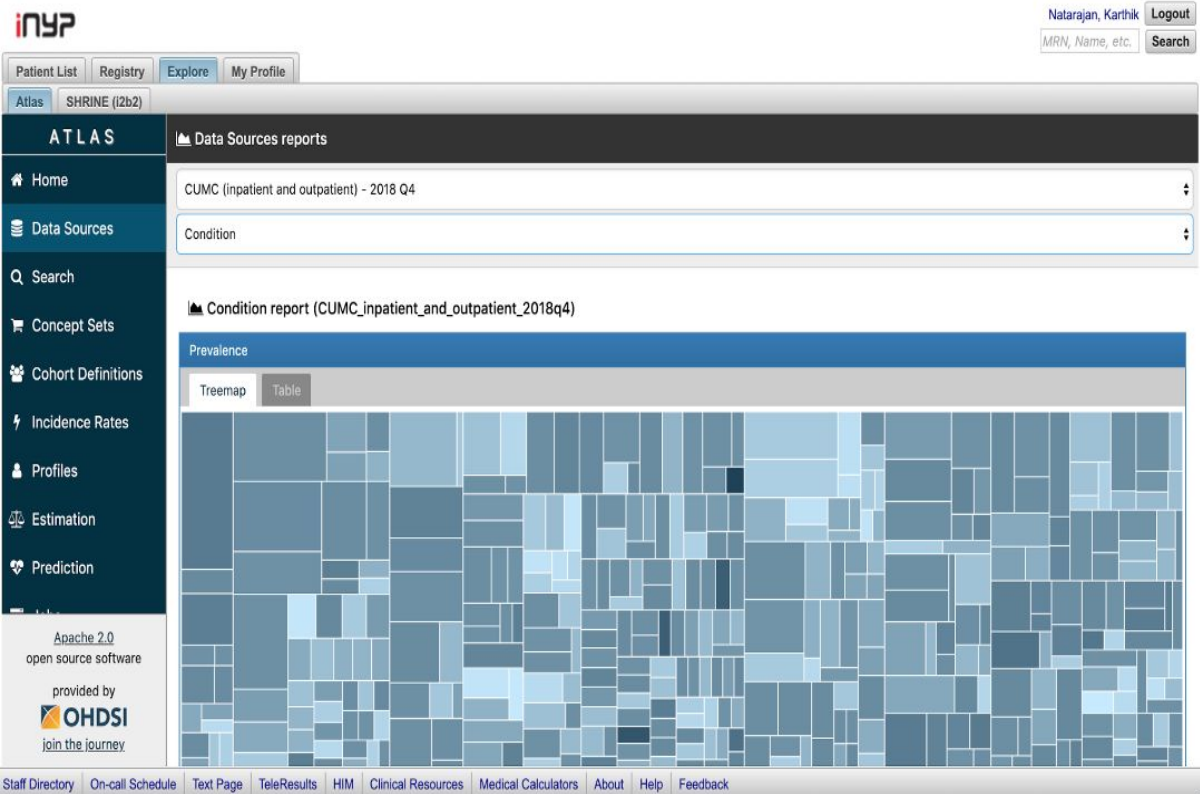




OHDSI @ CUIMC

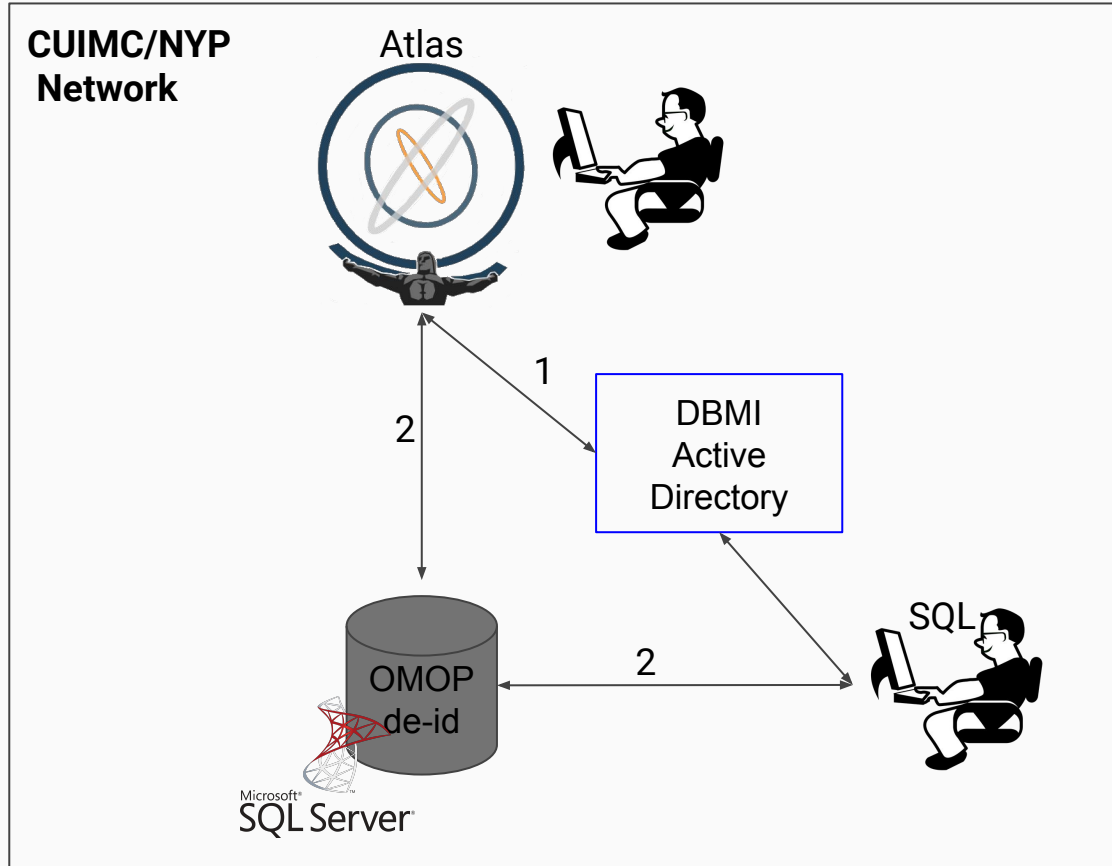
OHDSI Ecosystem





- “De-identified” OMOP
- Refreshed 1-2 times a year
- Access to 15K users via clinical system
 - “Can I have this for my patient list”
- Use it to collaborate with clinical researchers
 - “Data consultation” ~10/yr
 - Improves our data
- Another version for DBMI

OHDSI Stack Architecture



- Security is managed centrally through AD server
- Generally two minor version behind current Atlas version

Documentation

Confluence

[Dashboard](#) / [OMOP Home](#)  

OMOP CUMC Background Documentation

Created by David Blatt, last modified by Maura Beaton on Mar 09, 2021

Important Background Information

- [How are patients defined?](#)
- [How to update the OMOP ETL pipeline](#)

What is OMOP?

The Observational Medical Outcomes Partnership (OMOP) CDM, offers a solution unlike any other. OMOP found that disparate coding systems standardized vocabulary. Once a database has been converted to the OMOP CDM, evidence can be generated using standardized analysis for data quality and characterization, medical product safety surveillance, comparative effectiveness, quality of care, and patient-level performance of some of them commercial. Below is the specification of the OMOP CDM 5.1.1.



Version Control



 **GitBucket**



ohdsi
ohdsi

<http://nysgcdwdev.sis.nyp.org/>

Joined on 2014-08-15



Search repository

Pull requests

Issues

Repositories

Members



NypWestOmomEtl 

This repository contains the queries to import NYP West data into the OHDSI CDM (OMOP). It

Updated on 20 Jan



ClarityOmomEtl 

New etl for Clarity to Omop

Updated on 20 Jan



CD_OMOP_ETL 

Updated on 20 Jan



NypEpicLegacyCumcMergeEtl 

Updated on 15 Jan



NypWestStagingEtl 

Updated on 23 Oct



NypWestCrownMergeEtl 

Updated on 15 Sep



BimlCommonModule 

Updated on 21 Aug



NypIncrementalLoad 

Updated on 4 Aug



NypOmomDeidEtl 

Updated on 30 Jul



NypColumbiaPatientMergeEtl 

Updated on 5 Jun



CopyClarityOmomEtl 

Updated on 5 Jun



Arachne 

Scripts, documentation, etc related to our installation and use of Arachne Observational Stud

Updated on 4 May



COVID19OmomEtl

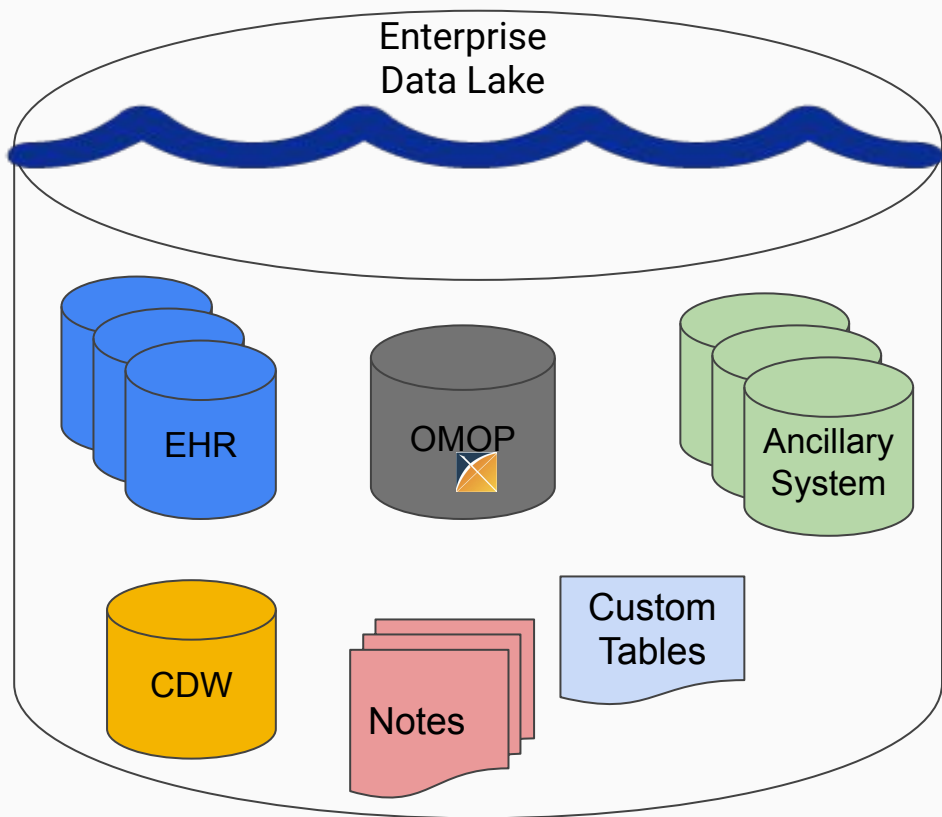
Updated on 28 Apr



cornell-omop-etl 

Updated on 18 Apr

Leveraging OMOP

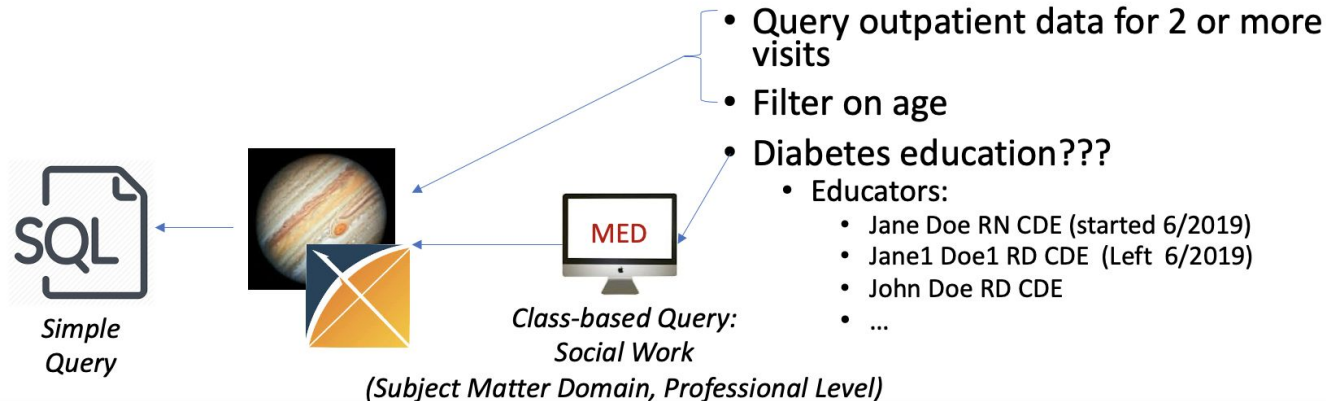


- Support research data requests
- Handle operational requests
 - Hybrid approach
 - US News Report
 - Half the time (4 vs 8 weeks)
 - Reusable code

Sample Question – Leveraging Terminology



Percentage of all diabetes (Type 1 and 2) patients that are < 18 years of age and seen 2 or more times in the last calendar year being treated by your Pediatric Endocrinology Program who had an outpatient visit that provided diabetes education in the last calendar year ?



Question/Discussion