OHDSI GIS WG

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Goal 1 (Q1 2023)

Finalize development of the schema for the optional GIS OMOP module that consists of a universal schema for storing geospatial data. This module supports standardized query execution on a combination of place-related and person-level data using spatiotemporal relations.

- Present proposal to the OHDSI CDM Workgroup and integrate feedback.
- Once finalized, provide documentation on schema and mechanisms for implementation

Goal 2 (Q1 2023)

Expand the corpus of metadata to include new data sources to advance development of automated retrieval, ingestion, and transformation of additional data sources into the module.

- Create metadata for new datasets, such as: Child Opportunity Index data, Area Deprivation Index, IDSR Disease surveillance, etc.
- Expand metadata and related functionality to enable automated retrieval from APIs.

Goal 3 (Q1 2023)

Develop and test **tooling to integrate OMOP clinical data with standardized place-related data**

- Test querying capacity for joining place-related and person-level data by defining cohort definition that includes both clinical and place-related data.
- Engage with our own stats group to create the first draft of a fully specified analytics plan for one of our established topic goals.
- Explore avenues of integration with existing OHDSI tooling, e.g., ATLAS/WebAPI; HADES