

# OHDSI Workshop Modules

## MODULE 1 - GENERAL INTRODUCTION

For General audience

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- OMOP CDM and vocabularies
- OHDSI open source tool stack
- Introduction to general processes and workflows
  - From source data to reliable evidence
- OHDSI Community
  - Learning resources
  - How and where to get started?

## MODULE 2 - HIGH QUALITY OMOP DATA

For Data Engineers

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- OHDSI ETL preparation tools: Rabbit tool suite for data profiling & syntactic/semantic mapping
- OMOP CDM and vocabularies (Athena), CDM version and vocabulary queries
- Quality assessment and tools (Achilles, Data Quality Dashboard [DQD], etc)
- Example of ETL tooling: introduction to internal ETL tool and best practices
- Optional: Future developments (CDM version updates, vocabulary versions)

## MODULE 3 - EVIDENCE GENERATION

For Data Analysts

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- Hands-on demo on the client data or synthetic data  
(with Atlas 2.8 / R packages)
  - How do Atlas and R packages (HADES) work together?
  - Walkthrough Atlas functionality: concept set creation, cohort creation, cohort characterisation, simple comparative study with R CohortMethod
  - Federated data analysis
  - Example of a federated study (e.g. PIONEER study-a-thon Nov 2022)
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