

DataCon Day 2 Agenda
OMOP CDM / OMOP Standard Vocabularies and introduction to ATLAS
and Phenotyping

Time	Session
9:00 - 10:45	Introduction into OMOP <ul style="list-style-type: none"> • What's in OMOP and what's left out • OMOP use cases & use cases not fit for OMOP • Harmonization & standardization take the work out of analytics OMOP Standard Vocabularies and OMOP CDM (Hands-on session) <ul style="list-style-type: none"> • Basic Relationship, Ancestor, and Descendants • Mapping source codes to the CDM • Does it work with Drugs? • Navigating OMOP CDM and writing queries
10:45 - 11:00	Break
11:00 - 12:00	Navigating OMOP CDM and writing queries
12:00 - 1:00	Lunch
1:00 - 4:45	Introduction to ATLAS <ul style="list-style-type: none"> • ACHILLES database characterization report • Building concept sets Building cohort using Drug Exposure, Condition Occurrence, Measurements, and other attributes Concept sets and cohort building (Hands-on session)
4:45 - 5:00	Wrap Up, Day 2 Recap

DataCon Day 3 Agenda Conducting Studies in OMOP

Time	Session
9:00 - 10:15	<ul style="list-style-type: none"> • Cohort characterization • Treatment Pathways • Incidence
10:15 -10:30	Break
10:30 - 12:00	Creating analysis in ATLAS and R, review examples (Hands-on session) <ul style="list-style-type: none"> • Cohort characterization and feature extraction analysis • Incidence rates • Treatment Pathways (TxPathways) analyses
12:00 - 1:00	Lunch
1:00 - 3:00	Population level effect estimation (PLE) <ul style="list-style-type: none"> • Designing a PLE study • Implementing the Study Using ATLAS • Implementing the Study using R • Interpretation of the Results Creating analysis in ATLAS and R, review examples (Hands-on session)
3:00 -3:15	Break
3:15 - 4:45	The prediction problem <ul style="list-style-type: none"> • Designing a Patient-Level Prediction Study • Implementing PLP in ATLAS • Implementing PLP in R • Results Creating analysis in ATLAS and R, review examples (Hands-on session)
4:45 - 5:00	Wrap Up, Day 3 Recap