Observational Research with EHR Data
5 Topics and Computing Skills in 5 Days
June 2-6, 2025 | 9:30am-3:00pm | Brown University

In-Person Program

Through lectures and interactive labs, participants will be taught foundational concepts, best practices, and computing skills to explore and analyze electronic health record (EHR) data.
Participants will:

- Learn EHR data syntactic and semantic standards.
- Define clinical concept sets and computable cohort definitions.
- Construct an EHR data extraction specification.
- Explore and analyze EHR data using OHDSI ATLAS, Unix, SQL, Julia, and Python.

In-person attendance for all days of the program is required.
Synchronous and asynchronous preparatory training will be available.

EHR Data Standards Cohort Definition & Extraction Specification	EHR Data Analysis with OHDSI ATLAS	EHR Data Analysis with Unix & SQL	EHR Data Analysis with Julia	EHR Data Analysis with Python

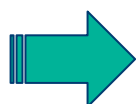| Audience	Instructors	Daily Schedule
➤ Junior Faculty ➤ Residents ➤ Fellows ➤ Postdoctoral Researchers	Liz Chen, PhD, FACMI Neil Sarkar, PhD, MLIS, ACHIP, FACMI Karen Crowley, MS, PhD Farahnaz Maroof, MS	9:30am - 12:00pm Lectures & Interactive Labs 1:00pm - 3:00pm Focus Time & Practice

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Apply by Thursday, May 8:
https://go.brown.edu/5x5_ehr_su25

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