



Howdy Partner,

Get ready to roll up your sleeves and build! We just added this session to our line up! Log into your registration and add this exciting option today!

HDAA invites you to join **Microsoft, UNC Health, and Cloudforce** for a full-day, hands-on healthcare data and AI hackathon:

Building Semantic Models, Data Agents, and Conversational Analytics with Microsoft Fabric

 **November 9, 2026**

 **9:00 AM – 4:00 PM**

 **Bring your laptop — all data and technology environments will be provided**

 **Lunch will be provided**

This Is Not a Lecture — You'll Be Building

Throughout the day, participants will work in collaborative teams using a synthetic healthcare environment built on the **OMOP Common Data Model**.

With coaching and demonstrations from Microsoft and healthcare technology experts, you'll build working solutions and explore how Microsoft Fabric and AI can turn healthcare data into actionable intelligence.

What You'll Build & Explore

During the hackathon, you'll have the opportunity to:

- Build healthcare semantic models using OMOP-based datasets
- Create KPIs, measures, and reusable business logic
- Generate dashboards using natural language and AI prompts
- Develop data agents for clinical, operational, and research scenarios
- Explore conversational analytics
- Connect semantic models, ontologies, knowledge graphs, and AI
- Discover ways to accelerate insight generation and decision-making across healthcare

Teams can work through prepared healthcare use cases or adapt the environment to explore challenges from their own organizations.

Who Should Attend?

This experience is designed for healthcare professionals working in:

Analytics • Clinical Informatics • Data Science • Research • Business Intelligence • Data Engineering • IT • AI & Innovation • Population Health • Quality

Whether you're new to Microsoft Fabric or already exploring advanced AI capabilities, the hackathon is designed for **beginner through advanced skill levels**.

Optional Pre-Hackathon Orientation Sessions

Want a head start? Join one of our optional one-hour virtual orientation sessions to learn the fundamentals of the technology, preview the hackathon environment, and understand how the team-based experience will work.

Option 1: October 22 | 3:00–4:00 PM ET

Option 2: November 2 | 3:00–4:00 PM ET

No prior preparation is required.