



Attend the 2026 Epic Cosmos Datathon | Friday, March 13, 2026 | 8 a.m. – 8 p.m. |

Join clinicians, researchers, and data professionals from across Texas Medical Center for an exciting day of hands-on discovery with Epic Cosmos, hosted by the UTHealth Houston TMC Cosmos Users Group at the McWilliams School of Biomedical Informatics.

What is Epic Cosmos? Epic Cosmos is a secure, HIPAA-limited dataset created by aggregating electronic health record data from a collaborative network of Epic health systems. It enables clinicians and researchers to:

- Ask large-scale health questions
- Discover trends and disparities in patient populations
- Develop tools that provide real-time insights at the point of care

Learn more about Epic Cosmos at cosmos.epic.com. See example studies at epicresearch.org.

What is the Cosmos Datathon? The Datathon is an interactive event focused on leveraging this massive de-identified dataset—containing electronic health records data for more than 300 million unique patients covering different aspects or diagnosis, medications, procedures, laboratory results, some genomic data, and more—to answer important clinical and operational questions, and to innovate for patient care improvement. Each interdisciplinary team will have at least one data science user (will be assigned as needed) with access to the Epic Cosmos Data Science Virtual Machine (DSVM) environment hosting tools including MSSQL, R, Python, VsCodium, GitLab, and wide range of packages and libraries that enable different statistical analysis and machine learning models developments including access to foundation models.

To participate, submit a 1–2-page proposal describing:

1. Your clinical research question or study objective.
2. Rationale and potential impact.
3. Proposed methods and key data elements.
4. Additional team members (up to 3 members) along with their roles.

Why Should You Attend?

- Learn from Epic Cosmos experts joining us in person and your TMC peers.
- Collaborate across clinical, quality, research, and data roles.
- Gain hands-on experience navigating and analyzing real EHR data.
- Investigate clinical or operational challenges and generate new insights.
- Winners will have the chance to publish their research at peer reviewed journals with publication fees covered.
- First place project will be highlighted at the Epic Cosmos Data Symposium during 2026 XGM / 2026 UGM.

Submit proposals through:

<https://easychair.org/conferences/?conf=utcd2026>

Cosmos Data Science Users interested in

participation please email your resume/CV and areas of expertise to UTCD2026@uth.tmc.edu to be matched to accepted proposals teams.

Timeline:

Submission deadline: February 3rd 11:59 pm CT

Proposal acceptance &

Teams Notification: February 13th, 2026

For questions, please email UTCD2026@uth.tmc.edu