



TEXAS A&M
Institute of
Data Science

THEMATIC LAB PROGRAM 2025 Request for Proposal

Proposal Deadline
April 21, 2025

The Texas A&M Institute of Data Science is soliciting proposals to establish new Thematic Labs focusing on Artificial Intelligence (incorporating elements of Machine Learning and Data Science).

PUBLIC INFORMATION SESSION

Thursday, March 20 | 1:15–2:15 PM
Zachry 298 (Chevron Rooms) & Zoom

The session will cover the *Thematic Lab Program*, what is required for proposals, and provide an opportunity to meet with Institute members and have a few snacks.

The zoom link and the full Request For Proposal document is available at:

u.tamu.edu/lab-proposals



What does the *Thematic Lab Program* do?

- Support cutting-edge research in Artificial Intelligence (AI), Machine Learning, and Data Science at Texas A&M University.
- Focus on foundations of AI, or applications and transition of AI into specific domains, or a combination of these;
- Develop research, knowledge, and resources around its thematic area; and
- Position Texas A&M to be at the leading edge of AI research and make Texas A&M more competitive for external funding.

Current Thematic Labs

[Agriculture Smart Data Lab](#) | [Data Justice Lab](#)
[Digital Twin Lab](#) | [Knowledge Development Lab](#)
[Operational Data Science Lab](#) | [Scientific ML Lab](#)
[Urban AI Lab](#)

THEMATIC LAB ACTIVITIES



Conduct Pilot Research Projects

Propose and receive funding for two pilot research projects in the thematic area.



Increase Texas A&M's Capacity

Create and share new methods, datasets, and software that expand Texas A&M's capacity in the thematic area.



Disseminate Research Outcomes

Increase Texas A&M's visibility and broaden their impact through tutorials, workshops, student research, and outreach activities.



Engage with TAMIDS Community

Have opportunities to participate in TAMIDS activities and programs that leverage our extensive network of collaborators.

THEMATIC LAB SUPPORT



Annual Financial Support for Two Years

- \$20,000 each, for two pilot research projects
- \$5,000 research stipend for Lab Director
- \$10,000 stipend split amongst other members
- Full-time postdoctoral researcher



Administrative Support

- Community Engagement Support
- Proposal Development
- Lab Website & Marketing