FREQUENTLY ASKED QUESTIONS

ABOUT THE DATA MINE

What is a learning community?
- A learning community is a group of students who live and learn together. They share a common interest or major and take classes and do extra activities together. There will be at least one faculty member who leads the learning community, and that faculty member will get to know the students through meals and activities.

What is The Data Mine?
- The Data Mine is a learning community for students from any major who are interested in learning data science skills in a supportive environment. There are almost 1,000 students in The Data Mine, 10+ staff members, over 100+ teaching assistants, and dozens of faculty members.

What do you do in The Data Mine?
- Both fall and spring semesters, take a 1 credit hour data science computing seminar in the dorm. This seminar involves giving you practice working with huge data sets on a research computing cluster.
- Attend special events like dinners with or talks by alumni and guests, participate in hackathons, and receive career mentoring.
- Join one of the ~20 specialty cohorts, including the Corporate Partners cohort, for 3 additional credits of data science-related research or class. If you can’t fit 3 credit hours into your schedule, you can join The Data Mine general cohort, which is just the 1-credit seminar.

Why should I join The Data Mine?
- No matter what your major, data science will be important for your future success. Everybody needs to be data literate in a data-driven world.
- Learn in a diverse, supportive environment right in your own residence hall.
- You’ll have unique opportunities!

Who can join The Data Mine?
- Anybody! No background in data science required, just interest. Every major is welcome.

Where would I live?
- First-year students will live in Hillenbrand Hall, which is one of the nicest residence halls on campus: suite style, two rooms sharing a bathroom in the middle, and a dining court.

How do I apply?
- https://www.purdue.edu/learningcommunities/apply/
- Learning community applications are open after you are admitted and accept your offer to Purdue.

When do I participate?
- You can participate all 4 years and join at any year in your studies. Graduate students are also welcome to join.

More questions?
- Website: https://datamine.purdue.edu
- Email: datamine@purdue.edu

DATAMINE.PURDUE.EDU
The topics and themes studied within The Data Mine Learning Communities incorporate components relevant to any field of study.

The Data Mine specialty cohorts include:

- Actuarial Science
- Agriculture
- Analyzing Digital Gaming and Culture
- Biology
- Computational Investigation of Living Systems
- Corporate Partners
- Data in the Health and Human Sciences
- Data Visualization
- Discoveries in Chemistry
- Earth, Atmospheric, and Planetary Sciences
- General Data Mine
- Human Development and Family Studies; and Public Health
- Krannert School of Management
- Nursing
- Pharmacy/Drug Discovery
- Physics
- Regenstrief Center for Healthcare Engineering
- Sports Analytics
- Statistics
- Vertically Integrated Projects

If you join the corporate partners cohort, you could work with companies such as:

- ATOM
- Bayer Crop Sciences
- Beck's Hybrids
- Caterpillar
- CDC
- CliftonLarsonAllen
- Corteva
- Delta Faucet
- DORIS
- Elanco
- Farfetch
- Ford
- USDA Forest Service
- Gro Master
- Halderman
- Helmer Scientific
- IU Health
- Jobvite
- John Deere
- Lockheed Martin
- Merck
- Minecraft
- MISO
- Mursix
- Plane English
- Purdue Athletics
- Purdue RecWell
- Raytheon
- REACH
- Republic Airways
- Sandia National Lab
- Telemetry Sports
- UPS
- USAA
- Viasat
- Wabash National