# THE DATA MINE: ACADEMIC PARTNER WORKSHOPS

**Workshop #1: January 25, 2023** 



## WELCOME



#### The Data Mine

Purdue University datamine@purdue.edu

Program Director: Dr. Mark Daniel Ward

#### **Managing Directors:**

- Corporate Partners Maggie Betz
- Data Science David Glass
- Academic Programs & Outreach Rebecca
   Sharples

#### **Academic Partner Workshops:**

Expansion Operations – Jessica Jud

## ACADEMIC PARTNER WORKSHOPS

- Identify steps to bring The Data Mine model to life at your college or university
- Gaining buy-in & Finding your allies
- The beginning vs. Current state
- Discussion based Interactive





Purdue Fort Wayne & Youngstown State University CRP Lab Session for Central Insurance

## ACADEMIC PARTNERS: LIFE CYCLE

## CUSTOMER DISCOVERY



#### PILOT PHASE



#### RAMP UP



#### **TRANSITION**



#### **SUSTAINABILTIY**

- Meet & Greet with university/college POCs
- Overview of Data Mine program & timelines
- Logistics & Next steps

- Small cohort with faculty mentor
- Facilitate Seminar
- Corporate Partner Project (optional)
- If needed, utilize Purdue WL team & systems for support

- 2<sup>nd</sup> year
- Increase student participation
- Identify regional Corporate
   Partner & establish an academic year long project
- Minimal Purdue
   WL team support
   mainly utilizing
   local on-campus
   systems &
   infrastructure

- 3<sup>rd</sup> year
- Corporate
   Partnership
   maintained and
   managed by
   university/college
- Increased number of projects
- All program support provided by university/college

- The relationship is considered mature and running smoothly
- Corporate Partner projects are executing, and new projects are being drafted and explored on a routine basis

## WORKSHOP SCHEDULE

#### The Examples Book - University Partners

January 25	Intro   Stakeholders   Students
February 8	Seminar   Technical Support & Research Computing
February 22	Corporate Partners
March 8	Business Partnership & Recruiting Industry Sponsored Projects
March 22	Legal   Operations

#### 60 min Workshop:

■ 15 min: Pre-work

• 30 min: Content delivery

■ 15 min: Discussion/Q&A

- All post-meeting materials, including workshop recordings, will be posted on The Examples Book
- Pre-workshop tasks will be sent out a week prior as appropriate

## CORPORATE PARTNERS SYMPOSIUM

#### Monday, April 24, 2023 | Purdue University | West Lafayette, IN

- An in-person event showcasing work completed by the students & Corporate Partners
- Posters from nearly 80 studentled projects!
- Networking opportunities with industry mentors



## STAKEHOLDERS

#### **Case Study: History of Purdue Data Mine**

- Statistics Living-Learning Community (STAT-LLC)
- Each year over a five-year period, 20 sophomore students will participate in:
  - a new project-based course in big data analysis
  - new mentored research collaborations and thrusts
  - a new seminar series
  - professional development initiatives
  - living together in a new learning community
- Each student is matched with a faculty mentor



STAT-LLC 2014-15 cohort

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  - professional development initiatives, and
  - living together in a new learning community
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#### **DISCUSSION:**

- Who do you think would be your champion?
- Who else would you need to engage with at your college/university? If you don't know, who could you reach out to & meet with?
- What roadblocks do you anticipate? What are your concerns?



STAT-LLC 2014-15 cohort

### **STUDENTS**



#### Recruiting

- How will you source students? Where will you source from?
- Which departments or student communities?

#### Registration

- How will you set up your course in the Course Catalog?
- Does your institution have an established process for setting up new courses?
- What information will you need in preparation?

#### **Learning Communities**

- Does your institution have Learning Communities?
- Are there financial/staff/student resources available?

#### **Application**

- How will you gain an understanding of your students?
- Current knowledge/skills? Interests?

- How will you commit to the student experience?
- Will you host student events?
- Mentorship?
- Professional development opportunities?

## WHAT'S NEXT?

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- All post-meeting materials will be posted on <u>The Examples Book</u>
- Questions? Email Jessica Jud at <u>jljud@purdue.edu</u>

## THANK YOU

