

# Data Informed Decision Making

University of Minnesota Duluth

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Access the presentation online at: <https://z.umn.edu/UMDDIDM>

# Data Informed Decision Making (DIDM) Overview

Fall 2022

DIDM Canvas Course Development  
Alignment to University of Minnesota Training Hub  
Development of Badges for Module Completion & Certificate of Completion for Course Completion

Spring 2023

DIDM Canvas Course Launched: Self Directed

- Email to all UMD faculty & staff
- 68 people registered for course through training hub:
  - 1 person completed, 2 people actively in progress

Looking  
Ahead to  
2023-2024

UMD is currently hiring a new Assistant Vice Chancellor for Enrollment Management/Director for Office of Institutional Research and will revisit this initiative once new person is hired.

# Data Informed Decision Making Canvas Course

It took a village to develop this course:

- Associate Vice Chancellor Enrollment Management/Director of Office of Institutional Research provided narrative from the Data Literacy Institute.
- Collaboration with Academic Technologists to develop Canvas module structure, digital completion badges and completion certificate
- Coordination with student employee for video closed captioning and video upload into Canvas.
- Coordination with Training Hub for registration into course for faculty and staff.

Home  
Modules  
Badges  
Simple Certificate

## Data Informed Decision Making-001

### Welcome University of Minnesota Duluth Faculty & Staff!

Data is everywhere! Throughout this course you will complete a series of modules to learn about data informed decision making. Each module is setup with a series of videos and an assignment. At the end of each module you will have the opportunity to earn a digital badge. Upon completion of all six modules you will be eligible for a certificate of completion. This is a self-paced course and individuals can choose to complete the course in any order.

Participants can complete this course independently, with a student success team or with a group of individuals.

There are two options to consider when completing this course:

**Option 1:** Watch the videos and complete the assignments in each module. Then use the knowledge gained from each module to inform future projects.

**Option 2:** Watch the videos, complete the assignments AND currently complete a research project. NOTE: If you are completing the research project please use the [Guide to Your Data-Informed Student Success Project](#) to connect progress on your research project with the Data Informed Decision Making course.

Please access the modules below or by utilizing modules in the left course navigation toolbar.

We hope by the end of this course you will feel confident in utilizing data in your decision making!!!



UMD OIR

ITSS Data Request

Reporting Center

Questions

Technology Help

- 🔗 [Getting Started: Data Informed Decision Making](#)
- 🔗 [Module 1: Start with Questions](#)
- 🔗 [Module 2: Connect Questions to Data](#)
- 🔗 [Module 3: Reveal the Data's Information](#)
- 🔗 [Module 4: Convey the Information](#)
- 🔗 [Module 5: Take Prudent Action](#)
- 🔗 [Module 6: Closing the Loop...and Continue it](#)

# Sneak Peek Module

Module 1:  
Start with Questions

## Overview



### Purpose

The ability to ask, then answer, questions is central to data literacy. Instead of being passive consumers of information, stakeholders in data-informed decision cultures are active participants. In any project, questions direct the search for information and the results guide action, including improvement efforts.



### Learning Outcomes

As a result of this section, successful participants can:

- Discuss aspects of a data-informed decision culture including data literacy and capacity.
- Describe the importance of academic curiosity in improving student success.
- Describe the purpose of a positionality statement.
- Identify a student success research project, draft research questions, and select appropriate research designs.
- Discuss issues related to the ethical use of data.



### Activities

To complete the Start with Questions Module you will watch the following videos and complete a reflection assignment:

- Overview of Data Literacy Institute (15:40)
- Higher Education Student Success Terminology (22:47)
- Importance of Curiosity (20:05)
- What is Research (9:54)
- The Research Plan (3:09)
- An Introduction to Capstone Project Data (18:32)
- AIR Statement of Ethical Principles (4:01)
- From Research Project to Research Questions (14:04)
- Quantitative and Qualitative Data (15:26)
- Research Time Frame (9:30)



### Begin Start with Questions

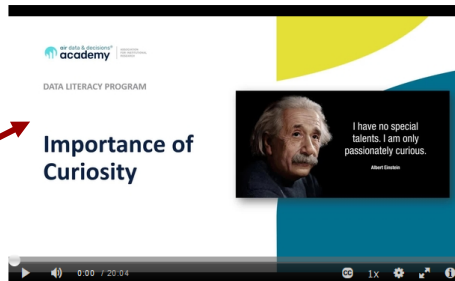
Now that you have a sense of the purpose, outcomes and activities contained within this module, begin working through Module 1: Start with Questions.

To begin Module 1: Start with Questions use the "Next" button below to advance through the activities or by going directly to [Module 1](#) for a listing of the activities.

## #1 Review Overview

## Video: Importance of Curiosity (20:05)

Watch the video below:



After you have finished the video, use the "Next" button at the bottom of this page to proceed to the next video.

◀ Previous

Next ▶

## Assignment: Module 1-Start with Questions (Reflection)

Start Assignment

Due No Due Date Points 0 Submitting a text entry box, a website url, or a file upload

### Directions

1. Answer the following questions about your current use of data and the role that data might play in your future:

- What role does data currently play in your professional role?
- What are the expectations, if any, that you use data to inform your decision making? Who sets those expectations?
- What challenges or barriers do you need to overcome to better use data for your decision making?

Name 3 takeaways from Module 1: Start with Questions that will assist you with making data informed decisions in the work you do at UMD.

For staff using completion of Data Informed Decision Making modules as a goal for the Performance Appraisal Tool (PAT), please be sure to also share the assignments with your supervisor as you discuss progress towards meeting your PAT goals.

## #3 Complete Assignment

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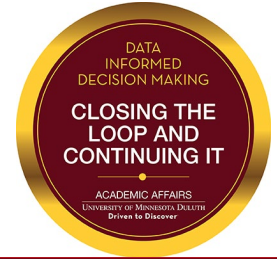
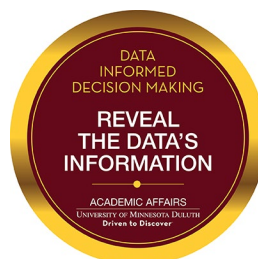
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## #2 Watch Videos

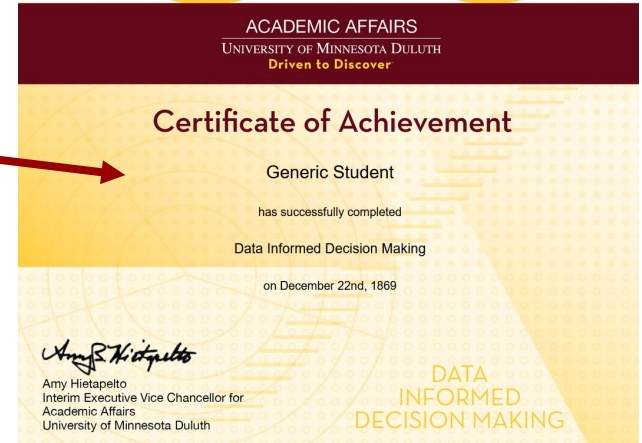


# Incentives to participate

- Registration for the Data Informed Decision Making Canvas course is done through the University of Minnesota Training Hub when finish completion will record in employee training record. Faculty and staff are also encouraged to align to an Annual Performance Appraisal goal.
- After each module is complete, a digital badge is awarded



- When all modules are complete participant is emailed a certificate of completion



# Challenges

- Did not have the resources to facilitate a cohort model with the Data Informed Decision Making Canvas course during the 2022-2023 academic year.
- Low active participation with the self-directed approach.



# Looking Ahead

- Connect with new Assistant Vice Chancellor for Enrollment Management/Director of Institutional Research when hired
- Possible Ideas
  - Survey participants on needs to increase participation and engagement
  - Align to campus initiatives/projects
  - Regular check-in opportunity with Data Informed Decision Making Canvas Course participants



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Any Questions?

