

# Building Campus-Wide Data Literacy to Increase Data-Informed Decision Making



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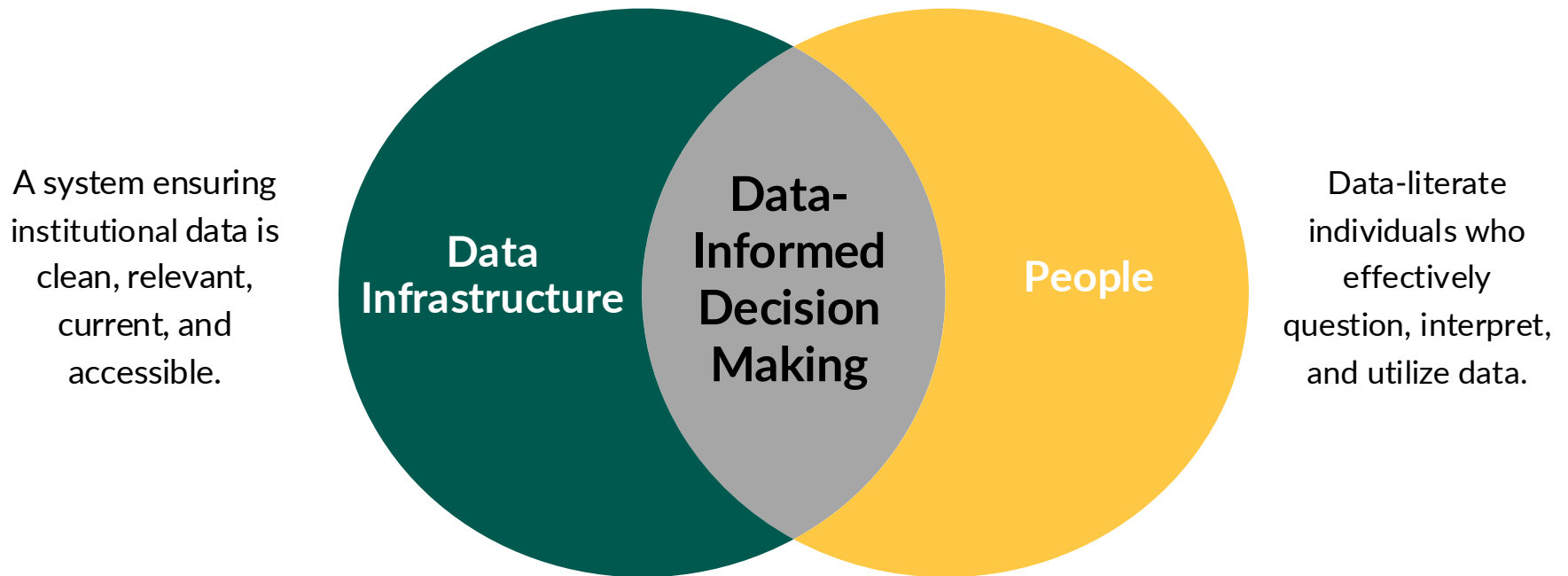
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# About Us



- Wayne State University is a premier urban research institution offering approximately 375 academic programs through 13 schools and colleges to about 24,000 students.
- Our Quality Initiative project for the Higher Learning Commission responds to key strategic initiatives focused on increasing student retention and graduation rates by empowering faculty and staff to make data-informed decisions.

# Working Model of Data-Informed Decision Making



# Quality Initiative Project

## Data-Informed Student Success for All: Improving Data Literacy to Advance Outcomes

<b>Data Asset Inventory</b>	<b>AIR Data Literacy Institute</b>	<b>WSU Data Literacy Training</b>
Raise awareness and increase use of existing institutional data resources	Build a cohort of faculty and staff from diverse units trained in data literacy who can then train others	Adapt and extend the AIR DLI training to faculty, staff, and students across campus

# Data Asset Inventory



Initially an **Excel spreadsheet** listing student success-related institutional dashboards and reports describing their:

- Sources
- Contents
- Purpose
- Location
- Owners and stewards
- Access/permissions
- Update frequency

Piloted with limited stakeholders.

Now being adapted into a more accessible, comprehensive, and interactive **online platform**: Data Cookbook

Many thanks to our colleagues Kim Hunter and Carly Cirilli for their work on the inventory!

# AIR Data Literacy Institute Structure



- Logistics coordinated by AIR staff (Thanks, Elaine Cappellino!)
- 12 weeks of synchronous meetings and asynchronous materials throughout Winter 2025 led by an AIR instructor, 5 hours per week total (Thanks, Carrie Mata!)
- 3 teams of 9 participants. Each team developed a project related to student success to progressively apply the lessons to real research questions.

# AIR Data Literacy Institute Participants



- 27 WSU faculty, staff, and administrators from 25 units across 9 schools and colleges, Academic Affairs, Finance and Business Operations, campus police, and health and wellness completed the institute.
- Mix of novice, intermediate, and advanced data users
- Committed to training others after their DLI experience

# AIR DLI Participants Selection Process

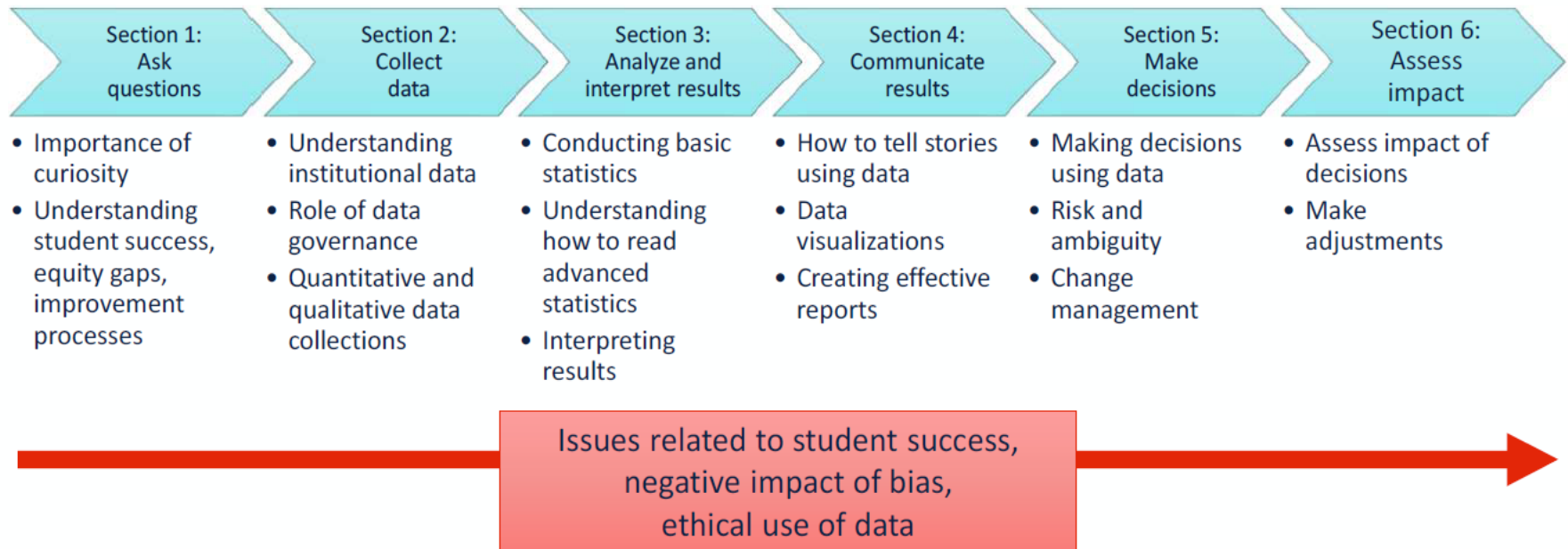


- Campus-wide emails inviting full-time faculty, staff, and administrators to apply
- Online application elicited their: motivation for applying; experience with data, student success, collaboration, leadership, training and mentoring, availability, and commitment to post-DLI engagement
- QI Advisory Committee used a rubric to review applications, then prioritized to achieve broad representation across campus and roles.



# AIR's Data Literacy Institute

## Data-Informed Decision-Making Process



# AIR DLI Participant Comment



*I gained valuable insights into diverse perspectives and criteria used to measure outcomes, which deepened my understanding of evidence-based decision-making. Most importantly, I developed practical skills to create measurable data for academic student success outcomes in my educator role, helping me to establish a data-informed foundation for a new department where no prior data existed.*

# WSU Data Literacy Training

## Working Groups

Formed from AIR DLI participants

- Data Analysis
  - Identified high impact AIR topics
- Materials Development
  - Selected and adapted AIR slides
- Recruitment and Promotion
  - Drafted callout for applicants
- Application Review
  - Reviewing applications



# WSU Data Literacy Training

## Stand-alone Workshops

- 2 most impactful AIR DLI sessions and 1 group work session
- Led by AIR DLI participants
- Open to faculty, staff, and students
- Capped at 25-30 participants
- Slots filled within 2 hours
- Assessment survey using questions from AIR DLI weekly surveys



# WSU Data Literacy Training

## WSU DLI

- 7-week training as a cohort in Winter 2026
- Application-based selection (individual and group options)
- 139 applications received
- Review completed by QI Advisory Committee and AIR DLI participant volunteers
- 21 selected





## Next Steps

- Offer the stand-alone workshops again
- Identify dates for a second WSU DLI
- Build an asynchronous WSU DLI option
- Submit our Quality Initiative report

***Questions or comments?***

***Thank you!***