



@MeehanonHIT

## Health Informatics Workforce in the Digital Health Ecosystem

---

Rebecca Meehan, Ph.D.

Associate Professor

*Kent State University, Kent, Ohio, USA*



KENT STATE

UNIVERSITY

# Health Informatics

- Master's degree (36 credits)
- Certificate (18 credits)



## How do we develop the health informatics workforce in the digital health ecosystem?





Photo by Jacob Lund from Noun Project

Help to  
navigate

# MEDINFO23

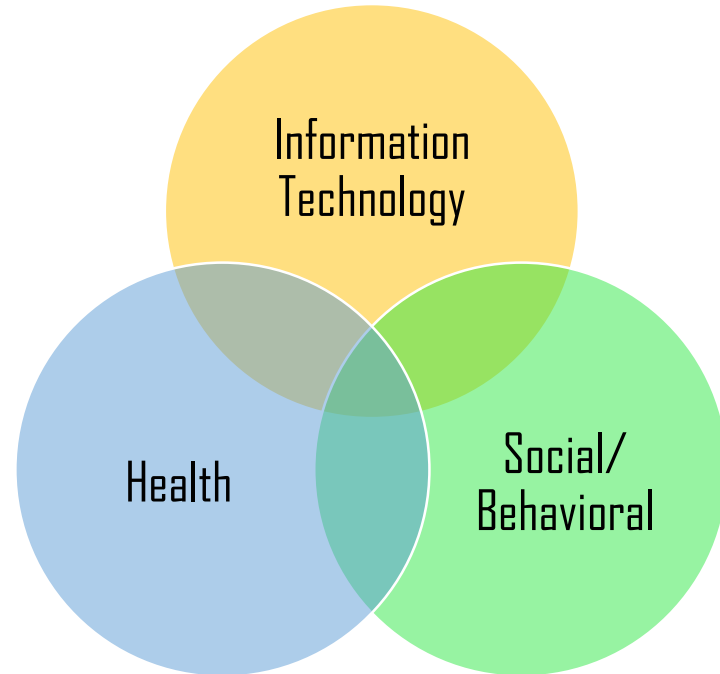
8 - 12 JULY 2023 | SYDNEY, AUSTRALIA





## Digital Health: Interdisciplinary Approach

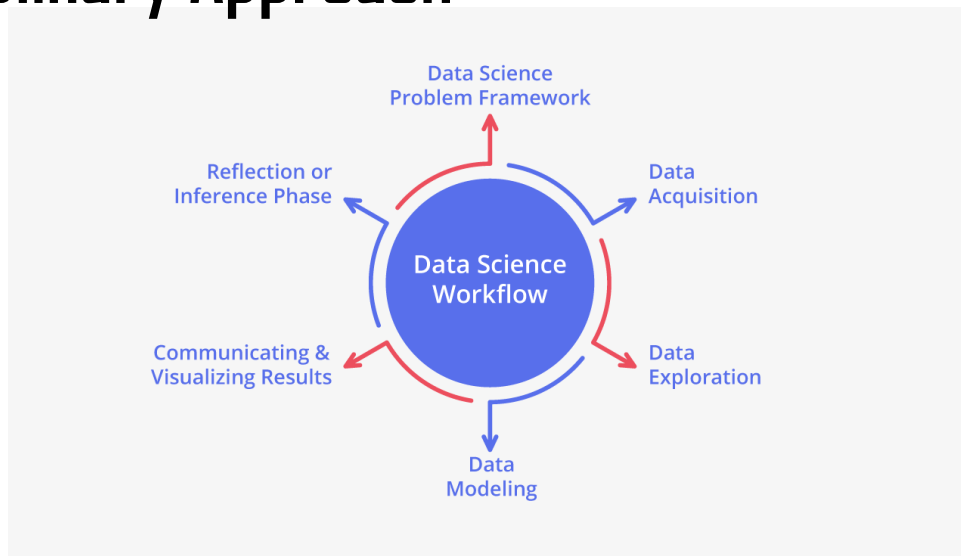
- Health Informatics
- Data Science





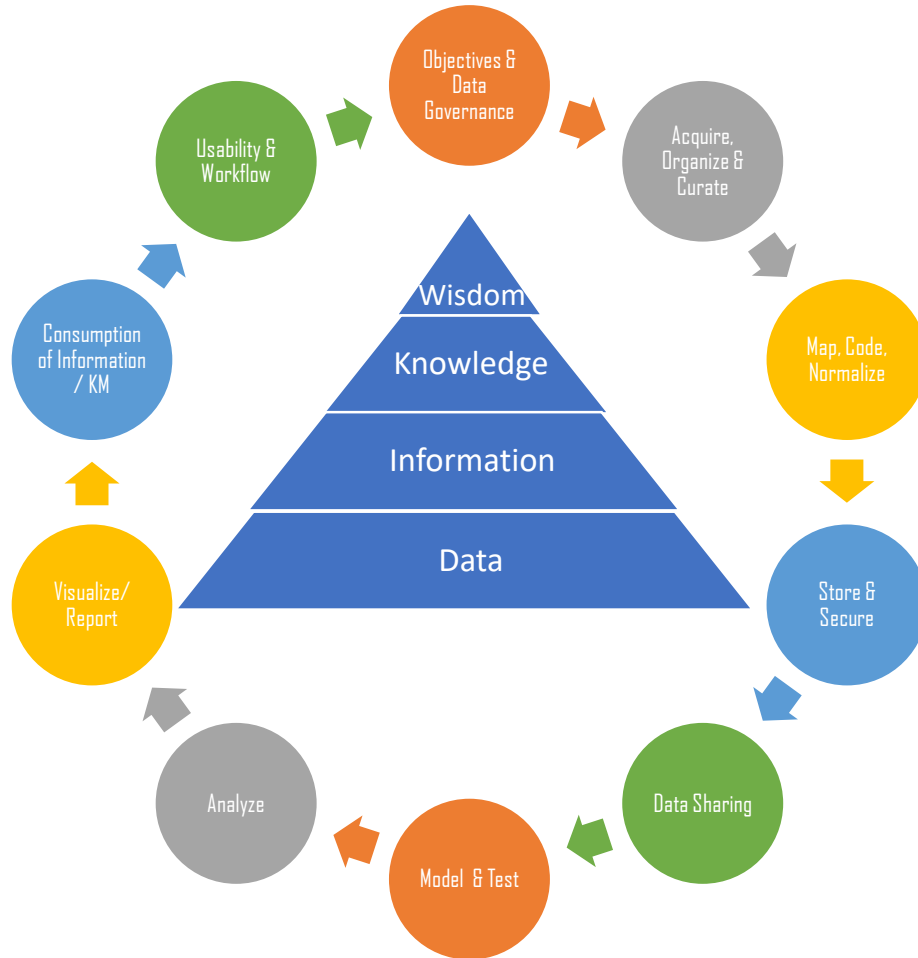
## Digital Health: Interdisciplinary Approach

- Health Informatics
- Data Science



Kishore, A. June 2023; <https://www.knowledgehut.com/blog/data-science/data-science-workflow>

# Digital Health Ecosystem



Objectives &  
Data  
Governance

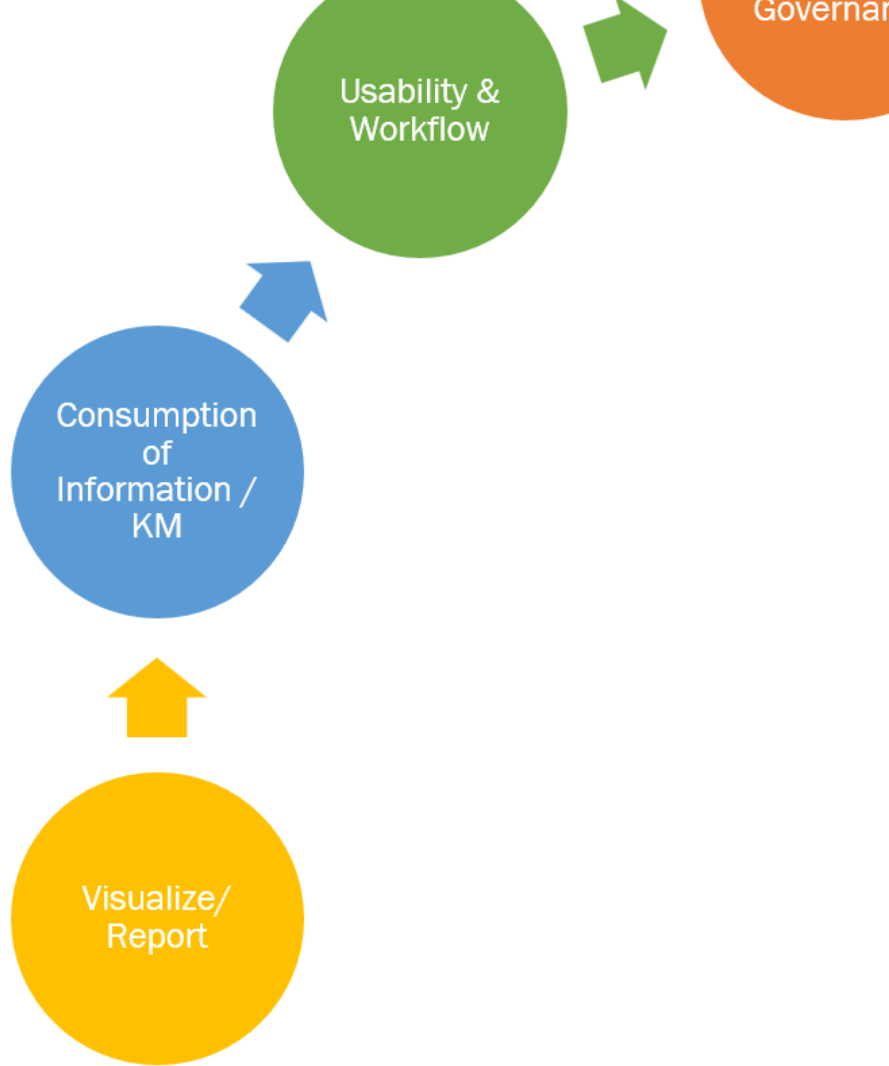
Acquire,  
Organize &  
Curate

Map, Code,  
Normalize

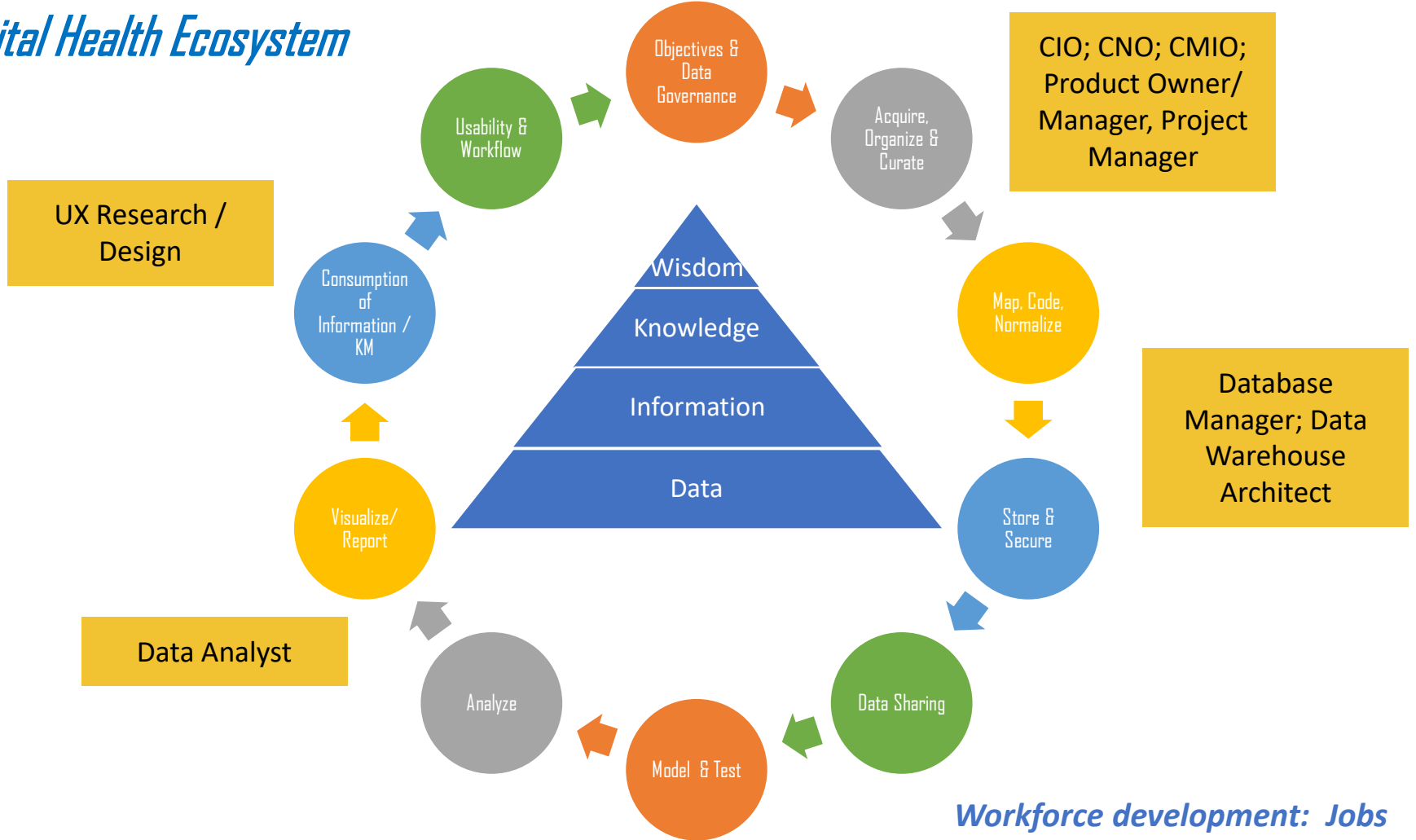
CIO; CNO; CMIO;  
Product Owner/  
Manager, Project  
Manager

Database  
Manager; Data  
Warehouse  
Architect

UX Research /  
Design



# Digital Health Ecosystem



*Workforce development: Jobs*

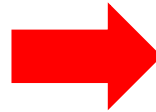
# Translational Informaticists

- Requirements
- Clinical situation
- Workflow





*Coding*



*Bedside Care*



# How are we preparing workforce?

- 
- *Training programs*
  - *University programs*
  - *Professional Organizations*



# Help Job Seekers to understand:

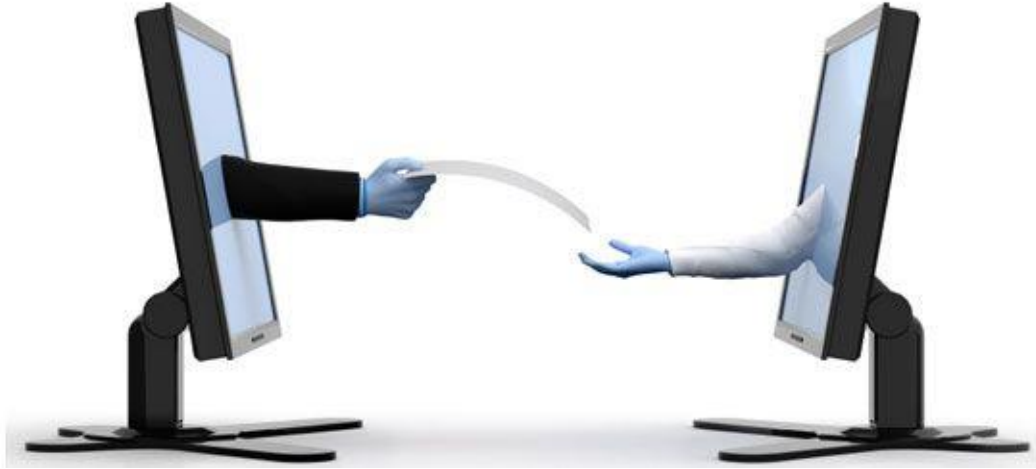
- Why are they collecting the data?
- Human-centered
- Socially responsible/ ethics
- Keep context of use



# Options



# Theory to Applied



# Ethics



# CAPACITY BUILDING



Training



Learn



Knowledge



Skills



Coaching



Support



Development



# Making a Difference

Careers in Health Informatics



Rebecca Meehan • John Sharp

 **Routledge**  
Taylor & Francis Group  
A PRODUCTIVITY PRESS BOOK

 **HIMSS**

***Coming Soon!***  
***Fall 2023***



## Next Steps

---





## Thank You!

---

