2019

Developing Data Literacy for Data Enabled Student Success

Pauline Rooney  
*Technological University Dublin, Pauline.Rooney@dit.ie*

Geraldine Gray  
geraldine.gray@itb.ie

Phelim Murnion

James Doody

K.C. O'Rourke  
*Dublin Institute of Technology, kevin.orourke@dit.ie*

*See next page for additional authors*

---

Follow this and additional works at: [https://arrow.dit.ie/ltcoth](https://arrow.dit.ie/ltcoth)

Part of the [Education Commons](https://arrow.dit.ie/ltcoth)

Recommended Citation


---

This Other is brought to you for free and open access by the Learning, Teaching & Technology Centre at ARROW@TU Dublin. It has been accepted for inclusion in Other resources by an authorized administrator of ARROW@TU Dublin. For more information, please contact yvonne.desmond@dit.ie, arrow.admin@dit.ie, brian.widdis@dit.ie.

This work is licensed under a [Creative Commons Attribution-Noncommercial-Share Alike 3.0 License](https://creativecommons.org/licenses/by-nc-sa/3.0/).
OBJECTIVES

Increase digital proficiencies of HE staff and students in relation to the effective use of learning data to promote student success by:

- reviewing & identifying professional development needs of HE staff with regard to learning analytics.
- developing OERs to scaffold & enable staff/students in interpretation of learning analytics.

MIXED METHODS STUDY

Determine professional development needs & supports via focus groups & online survey

Develop evidenced-based strategy & implementation plan

Create open access professional development resources & opportunities

WORK PLAN

Events:
#elss19 - June 2019
#Daltai - March 2020

Strategy & implementation plan for sector

Open educational resources

DELIVERABLES

- Students assume we collect data from their activities, but are unaware of full extent of harvesting.
- They are confident that GDPR is protecting their rights.
- They would like training on data literacy but this should be integrated into existing course work.
- They would like greater access to their learning data including improved feedback via analytics.

IMPACT:

ON STUDENTS & STAFF
- Enable students/staff to harness potential of learning data.
- Empower stakeholders to make informed decisions based on digital footprints.
- Embed digital literacy into curriculum.

ON INSTITUTIONS
- Promote evidence-based decision making to support student success.
- Enable personalised learning.
- Facilitate access to learning analytics tools.

FINDINGS:

STUDENT PERSPECTIVES

Enable students/staff to harness potential of learning data.
Empower stakeholders to make informed decisions based on digital footprints.
Embed digital literacy into curriculum.

ON INSTITUTIONS
- Promote evidence-based decision making to support student success.
- Enable personalised learning.
- Facilitate access to learning analytics tools.

DALTAÍ
Developing All Learners Through Analytics Initiative

Pauline Rooney
Kevin O’Rourke
Heidi Kelly-Hogan
TU Dublin - City Campus

Geraldine Gray
Catherine Deegan
Aine Lynch
TU Dublin - Blanchardstown

James Doody, Gordan Cooke
Darvree Downey
Enda Lee
TU Dublin - Tallaght

Phelim Murnion
Carina Ginty
Galway Mayo Institute of Technology

Daltai (Irish for “Student”) is a collaborative project funded by Ireland’s National Forum for the Enhancement of Teaching & Learning