



ORLA















ORLA: Policy Development

- + Openness/Transparency
- + Determination (purpose of analytics)
- + Legitimacy/Compliance with Data Protection
- Openness/Transparency

How are we ensuring that all stakeholders are kept informed of our goals, plans, actions and outputs?

Transparency is a requirement of Data Protection legislation; all data subjects (in this case students) must be fully informed of what data will be used, how it will be used and to what end. Transparency is also a fundamental aspect of the trustworthiness that is key to an institution's relationships with its students and staff. It is essential that institutions do not give the impression that they have something to hide.

Actions

- · Develop analytics through a consultative process which involves all stakeholders, especially students
- · Work with representative groups such as SU to ensure that stakeholders are kept abreast of developments
- · Ensure that analytics strategy is well-publicised and detailed on institutional website
- Include explicit, detailed description at the point of student consent
- Actively communicate with students at the start of the year (eg through email), giving a full description of the
 purposes of analytics, what data is used, how it is used and how analytics may affect them
 - + Stakeholder consultation
 - + Impact on staff resources
 - + Awareness and avoidance of bias



ORLA: Data Sources & Applications

3. Virtual Learning Environment (VLE)

Data item	Description	AR	LD	SE	sw
Student hits	Count of student interactions with VLE	✓		✓	✓
Peer average hits	Average VLE interactions among students' peer groups	✓		~	✓
Timing of activity	At what point students avail of the various learning resources in the VLE	✓	√	✓	✓
Duration of activity	How long students spend using each VLE learning resource	✓	√	~	
Type of activity	Which learning resource(s) students use	✓	✓	✓	
Assignment Submissions	Identifies whether students have met their required submission deadlines	✓	√	✓	~
Discussion groups	How active students are in online discussion groups	✓	√	√	✓
Assignment/ CA grades	Students' grades for 'for-credit' assignments	✓	√	√	✓
Online test grades	Students' engagement with and grades in formative, 'not-for- credit' assignment	✓	√	✓	✓



ORLA: Case Studies

- Gauging Student Engagement in a Blended Programme
- Gauging Student Engagement with an Online Orientation Module
- Identifying Resources that Best Assist Students to Reach Learning Outcomes
- Identifying Students in Need of Targeted Support
- Assessing Students' Engagement and Responses
- Balancing Quantitative and Qualitative Data to Drive Change
- Using Standard Blackboard Features to Assess Students' Usage of the VLE
- Using Data to Identify Students that have not Accessed the VLE and Incorporating Feedback into Module
- Challenges in Identifying Correlation in a Small Module
- Collating Data from Multiple Sources to Identify At-Risk Students
- Using Standard Moodle Reports to Identify At- Risk Students in an Online Course
- Using Examination Data Analysis Forms to Implement Year-on-Year Module Improvements
- Developing a Cost-Neutral Tracker of Student Workload Distribution
- Identifying Effective Resources for First Year Computing Students
- Assessing Students' Engagement with Online Quizzes over the Course of their Programme
- An Automated Approach to Managing Clinical Placements

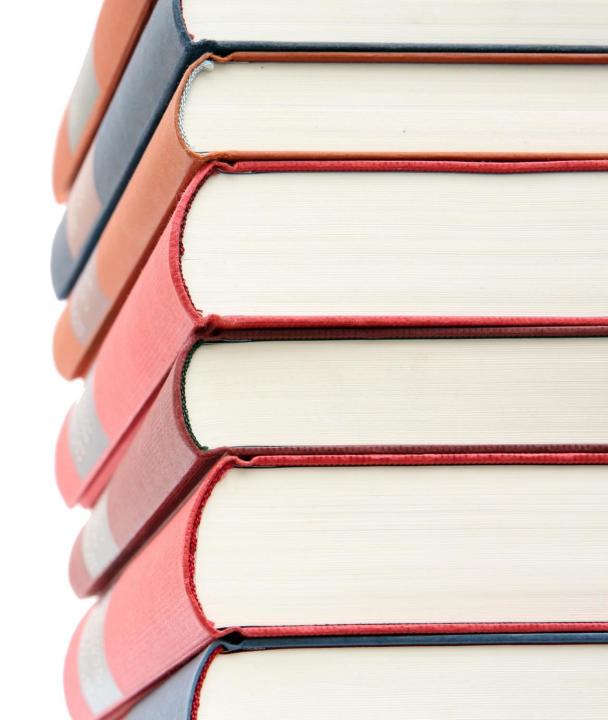


DESSI



Priorities

- Strategic approach
- Developing a data culture
- Fostering collaboration
- Privacy & ethics
- Identifying & sharing good practice







Supports & Services

- Strategy workshops
- Case studies
- Professional development
- GDPR Resources
- Platform Guide



What we've learned









