



# LEADERSHIP SCHOOL

Preparing Higher Education leaders to become the change makers of the university of tomorrow

## Is learning analytics ready now to serve institutional needs?

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Learning analytics is 'the measurement, collection, analysis and reporting of data about learners and their contexts, for purposes of understanding and optimizing learning and the environments in which it occurs'

The Society of Learning Analytics Research (SoLAR).



# The main questions

What is your *specific* objective?

- Retention, engagement, achievement, course and activity design

When do you want to intervene?

- Before, during after the course

What data do you already collect?

- You might already have all you need

How effective are the support services you already have?



# The 'Rhythms of Teaching' analytics model

## AFTER

Attendance  
Engagement  
Pass rates  
Student-generated content  
More...

## DURING

Interim grades  
Learning thresholds  
Participation  
Resource use  
Student feedback  
More...

## BEFORE

Admissions data  
Cohort size  
Course content  
Demographics  
More...





# The Open Polytechnic case study

## AFTER

Attendance  
Engagement  
Pass rates  
Student-generated content  
More...

## DURING

Interim grades  
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# Analytics at Open Polytechnic: 2012-2016

Open Polytechnic is a distance provider with large class sizes, overlapping cohorts and multiple support services

An 'Engagement Tool' reporting on Student Management System data direct to lecturers and support staff was developed

Student details include a context of enrolment and prior study information

Passive collection of analytics data; no new sources of data

Ethically approved use of data from terms and conditions of enrolment

Aligns interventions across all support staff through contact notes

An accessible and effective solution to analytics, with rapid uptake

Course completion average 2009: 62%; 2012-2014: 80%



# Making analytics work

It is too easy to overspend and over-complicate; have a specific objective

Start with the data you already have, and the support functions you already have

Ensure the support functions have usable access to the data, and systematise data use



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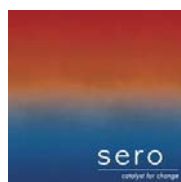


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