

Using Data Analytics to demonstrate the
impact of Access and Participation projects

Nicole Alowoessin & Venus Wong

“What Works” Team, University of East London

INTRODUCTION

Increased equality of opportunity for all students remains the focus for HE providers at present. Therefore, the importance of finding innovative ways to increase and support student success is crucial. An increasingly popular way to improve student success is through the use of data analytics. Data analytics (or leaning analytics within the Higher Education sector) can be defined as “the use, assessment, elicitation and analysis of static and dynamic information about learners and learning environments, for the near real time modelling, prediction and optimisation of learning process, and learning environments, as well as decision-making”

To enhance the success of our students, the University of East London utilises the learning analytics platform, CIVITAS. CIVITAS combines diverse institutional data sources (SITS, MOODLE etc.) and applies predictive and historic models, to demonstrate predicted retention and successful completion outcomes of our students. With this platform, UEL can identify at risk students and develop targeted interventions to increase retention and overall success.

Critics suggest that the use of learning analytics may not be effective as there is no demonstration of a comprehensive model. Therefore, practitioners who are not experienced with learning analytics are unable to action insights generated from learning analytics. Despite this, we show that working in partnership with access and participation (AP) project leads can enhance the effectiveness of CIVITAS. Additionally, we demonstrate the positive impact of access and participation projects on student continuation. We have used the following AP projects: Kortext and Student Volunteering

METHODOLOGY

