

Q-STEP SUMMER INTERNSHIPS 2020

Ref #21: UoM QStep 2020 Student Insight Team - What makes a 'good degree'? A comparison of entry qualifications as predictors of academic success.

Organisation Profile

The University of Manchester

Student Insight Team, Directorate for the Student Experience

Rutherford Building, Oxford Road, Manchester, M13 9PT

Selection Method

A written CV and cover letter followed by an interview and desk-based task with the Student Insight Team on campus.

Application Criteria

Essential

- Regression modelling by using SPSS, R or other UoM verified statistical packages.
- Excellent numeracy skills and IT literacy
- Excellent verbal and written communication skills
- Excellent organisational and prioritisation skills in a busy work environment
- Constructive team player

Desirable

- Python/Power BI/Alteryx

Project Outline

What makes a good degree? Would students with stronger entry qualifications excel better in universities? Will they leave with a better degree honours classification?

In this project, the team is dedicated to find out if a strong relationship exists between entry grades (e.g. A-Levels, International Baccalaureate scores, IELTS/TOEFL scores) and degree honours classifications. The insight will be useful in supporting the University to understand its student recruitment and admission positions.

The Student Insight Team expect candidates to possess basic, undergraduate-level statistical modelling skills and are confident to use standard statistical packages (e.g. SPSS) to conduct regression analysis (e.g. logistic regression, SLR) independently.

Key Words

Regression Modelling Degree classification
Student data Entry qualifications