Q-STEP SUMMER INTERNSHIPS 2020

Ref #19: UoMQStep 2020 Department for Education – Understanding the Dynamics of the Childcare Provider Market for Early Years in England

Organisation Profile

Department for Education

Early Years and Deprivation Analysis and Research Unit (EYDARU)

Piccadilly Gate, Store Street, Manchester, M1 2WD

Selection Method

A written CV and cover letter followed by an interview with the DfE team on campus.

Application Criteria

Essential
- Microsoft Excel
- Communication (written and verbal)
- Team Working
- Analysis of large datasets

Desirable
- Coding experience (e.g. R, SQL, SAS or SPSS)
- Knowledge of regression analysis/statistical techniques
- Data visualisation

The work can be carried out at a choice of locations – Leeds, Sheffield, Manchester, Bristol or London (with some working from home an option)

Project Outline

The Early Years and Deprivation Analysis and Research Unit (EYDARU) publish a range of reports and official statistics on childcare and education usage, quality and outcomes for children aged 0-5. EYDARU also conduct secondary analysis of these sources to build a broad and robust evidence base.

This project will involve a quantitative piece of research exploring the dynamics of the childcare provider market using various data sets within the Department for Education. The project will likely involve regression analysis, examining what factors might predict whether a provider remains open, closes, or newly opens. The analysis could be completed using R or SQL, plus Excel. The outputs will help yo shape future policy thinking in the provider market space.

Key Words

Childcare	Provider Market	Education
R	Early Years	SQL
Excel	Regression	Quantitative

The Department for Education offers a range of internal training, including in R, Excel, communication skills and Government-specific learning, to which the successful candidate will have access.