

ADAPT Undergraduate Internship Programme 2018

PROJECT DESCRIPTION

Institution/Team:	Dublin City University/Adapt Theme E/ Data Governance	
Project Title:	Development and implementation of a Data Value Assessment Tool	
Suitable for students who are studying in the following areas:	(Please list the subject area or areas that your project broadly underpins e.g. machine translation, adaptive web etc. This will help the students focus in on projects that fit with the subjects they take)	
Skills needed:	Computing, Enterprise Computing, Business Informatics (e.g. Strong programming skills , x languages, databases..) Web Development, Database, PhP	
Project Description:	(Not overly technical – less than 300 words) In 1998 Wang/Strong proposed a Data Quality criteria which were then later extended to the AIMQ: a methodology for information quality assessment consisting of a set of questions. With this project we are planning to expand this survey and develop an Online Data Value Survey that can gather data about the value of data, store the responses in a Database as well as analyse and display it. The work will include some research element and discussion to decide on suitable questions and data gathering. Furthermore the student will implement a web page and initial assessment tool. The tool will be useful for organisations to assess and understand their value of data. It can be a first input to improve the quality of data and initiate a data governance programme within organisations.	
The Role of the student & benefits gained from participation in this project:¹	(e.g. what you foresee the student doing within the Centre, what new skills/expertise they might acquire) The student will contribute in the research and development of the Data Value Questionnaire. He/She will gain experience in research as well as web development, and gain first insights into research projects.	
Who will be working with you?	(e.g. Our undergraduate student will be working closely with X, a postgrad/postdoc/PI in the group. S/he will also have the support of Y, who works on a similar project. The student will participate in all our project meetings during his/her time with us.) Markus Helfert, Rob Brennan, Judie Attard, Plamen Petkov	
Short description of the group:	(E.g. We have 7 people in our group – Prof Y (the team leader/PI), 3 post-docs, 2 PhD students, 1 technician) We have 3 people working specifically on Data Value; This is extended by a postdoc research on Data Management/Data Privacy. The student will also benefit from the Business Informatics Group at DCU (4 postdocs / 5 phd Students)	
Recommended Reading Material:	(e.g. General articles on your theme, web links etc) AIMQ: a methodology for information quality assessment http://mitiq.mit.edu/Documents/Publications/TDQMpub/2002/AIMQ.pdf	
Other information:		
For further details on this project please contact:	Name: Phone: E-Mail: Website:	Markus Helfert 01 700 8727 Markus.helfert@dcu.ie

¹ This is an initial description of the role of the student and it is liable to change following discussions between the investigators and the student.