SUPERVISOR/S: Albert Bifet
PROJECT TITLE: Are Gallagher Group Ltd.’s current data analysis techniques delivering business insights that are useful to the organisation?
FIELD: Computer Science
DIVISION/SCHOOL: HECS - School of Computing and Mathematical Sciences
PROJECT LOCATION: Hamilton Campus and Gallagher Headquarters Hamilton

PROJECT ABSTRACT:
Gallagher is a Waikato-based, internationally renowned leader in designing, developing and marketing solutions for animal management, security and fuel and contract manufacturing. It is New Zealand’s top privately owned tech exporter and has a drive for building great teams and enabling staff across its business units. As part of its drive to enhance its business operations, Gallagher wants to find out if it is gaining the best information from its data analysis techniques.

This Summer Research project aims to help Gallagher find new insights and tell different stories from the data it is already collecting. Some granular insights and new views on information already available will help drive the business further and demonstrate the importance of great data to the organisation.

STUDENT SKILLS:
• Experience in data analysis
• Experience with large datasets
• Programming skills
• Some understanding of data visualisation would be helpful
• Ability to work independently and in a work environment at Gallagher
• Ability to elicit user requirements from people

PROJECT TASKS:
• Work with the Gallagher Analytics and Insight teams to understand and present existing data collected to paint new and different pictures for the business
• Evaluate the ability to use Machine Learning in the data being collected

EXPECTED OUTCOMES:
• Student’s Research Poster (as per clause 6 of the Scholarship regulations)
• A paper for Gallagher showing outcomes and recommended next steps.