

JOB DESCRIPTION

Vacancy Ref: A3542

Job Title: Business Analytics Project Lead (KTP Associate)	Present Grade: Off-scale
Department/College: Management Science	
Directly responsible to: John Boylan	
Supervisory responsibility for: Undergraduate and postgraduate placement students	
Other contacts Internal: <i>University:</i> Staff and postgraduate students of the Department of Management Science, Research & Enterprise Services staff concerning KTP and relations between the University and Jaguar Land Rover Automotive Plc (Jaguar Land Rover). <i>Jaguar Land Rover:</i> all staff and senior management team External: <i>Jaguar Land Rover:</i> Key stakeholders, Innovate UK KTP Adviser	
Major Duties: The Associate for the Knowledge Transfer Partnership will drive and lead a project which aims to design, test and implement innovative models to forecast demand for service parts at Jaguar Land Rover, and to improve inventory decision making for All Time Buys and Bridging Buys, thereby reducing economic and environmental waste. You will work closely with and be supported by academics from the Department of Management Science and the staff at Jaguar Land Rover. Key Responsibilities Under the supervision of academics from the Department of Management Science and the Inventory Management team at Jaguar Land Rover, the Associate will: <ul style="list-style-type: none"> • Following familiarisation with the company and key stakeholders, and developing an understanding of Jaguar Land Rover's After Market business and current system and decision tools, identify the aims, objectives, end user environment and KPI's for the project. • Review, compare and assess current forecasting processes and develop an in-depth understanding of alternative models. that are appropriate to the project. • Lead detailed discussions with inventory planners at JLR regarding their current approaches to determining All Time Buys and Bridging Buys. • Master the recent technical advances in machine learning, hybrid statistical and machine learning methods, and other recent methodological developments. • Identify a strategy for testing algorithms, using historical data from Jaguar Land Rover. • Develop new algorithms for forecasting and inventory management • Implement any new algorithms using open-source software (such as Python). • Develop skills in the design of Graphical User Interfaces, and an understanding of any interfaces with existing JLR system • Develop communication and change management approaches that are tailored to JLR's stakeholders, as part of an overall stakeholder management plan. 	

- Take full ownership of the KTP project, managing work plan delivery, timing, resources, budgeting, embedding and evaluation of outputs and the associated tangible benefits.
- Produce technical reports, reviews, and deliver presentations and webinars to inform key staff at LU and Jaguar Land Rover of technical developments.
- Disseminate the key technical outcomes via attendance at a conference and the publication of papers in peer-reviewed journals.
- Manage the KTP project including maintenance of project plans, and organisation of project-related meetings.
- Actively manage a personal development plan and commit to any training required for the project.
- Liaise between Jaguar Land Rover and the academic team.
- Become the company lead on university liaison for undergraduate and possibly postgraduate students.
- Occasionally at the request of supervisors, perform other duties to ensure the successful completion of the KTP.