Operational Research Specialist

t's problem using a relevant informal or formal methodology. Tomplex client problems into tractable operational research t's problem using a relevant informal or formal methodology. Terrogate and manage raw data, using relevant methodology.
t's problem using a relevant informal or formal methodology.
errogate and manage raw data, using relevant methodology.
e and synthesise data relevant to the client problem enance, scope and limitations). errogate and manage raw data, using relevant methodology.
ratory data analysis. This includes identifying relationships, ity, covering both model generated data and external
ent by selecting the appropriate technique to design an s problem. to analyse a problem; applies an appropriate approach
ng, scripting, coding or using spreadsheets.
nt's

Assessment Method 1 – Work-based Project Report and Presentation

KSB Mapping	Pass Descriptor	Distinction Descriptor
S1 S2	Identifies and structures the client problem by applying either a relevant formal or relevant informal methodology. Turns this into relevant and defined operational research questions.	Uses multiple approaches in parallel or combination and reconciles their inconsistencies to deliver practical results.
S3 S4 S5 (+B6)	Actively identifies the provenance, scope and limitations of all key data relevant to a client problem. Sources required raw data. Manipulates, interrogates and manages this raw data, selecting a relevant methodology. Critically analyses available data and compares modelled data with external data. Weighs the relationships, robustness and quality of data to form appropriate data sets.	Critically appraises the data sources and their treatment and makes suggestions for improvements should the analysis be repeated.
S6 S7	Evaluates why their chosen analytical method is appropriate to the client's problem including its theoretical underpinning. Demonstrates the use of relevant software solutions and compares with bespoke modelling when designing the approach to a client's problem.	Demonstrates how they have drawn on research and expertise to improve the robustness of their analytical approach