Operational Research Analyst

Birmingham, UK
Manchester, UK

Apply

Location: Birmingham or Manchester

Salary: £33,340 - £36,674

Your new role

In this exciting role as an Operational Research Analyst, you will use your research and data skills to turn analysis and insight into real world improvements for our customers, supporting the strategic road network to keep England on the move. If you have the passion and ability, you could make a real difference to the lives of road users by answering questions with analysis such as, “What are the causes of congestion”?

You will be responsible for researching business problems, carrying out appropriate analyses, putting forward recommendations and producing technical reports to communicate your findings. You will also provide analytical assurance to the business, ensuring their analytical tools comply with our assurance framework, regularly working with large data sets which will leave you unfazed.

This role will involve some travel between Birmingham and Manchester.

What you’ll be leading on

- Produce, develop and manage analytical solutions and products
- Carry out analyses into customer satisfaction, safety and performance of the road network, including delays, network availability and speed
- Provide analysis and evidence to support decision making
- Presenting findings verbally and through written technical reports

To be successful

- Numerical degree, or equivalent, in a relevant subject; or relevant work experience
• Ability to develop appropriate methods and tools fed by a data source

• Experience in programming, modelling or data query languages such as SQL, SAS, R or Python, to manipulate and analyse large and complex datasets

• Excellent verbal and written communication skills, with the ability to communicate findings and recommendations with insight and impact

• Ability to identify problems and provide intelligence-based recommendations for solutions

• Desirable – experience in soft operational research techniques and experience in using Geographical Information Systems (GIS), such as Esri products, for analysis.

A bit about us

Strategy and Planning plays a crucial role at the heart of Highways England, providing strategic direction to the organisation and working closely with all the other directorates to enable delivery of the company’s ambitious agenda. We lead on key corporate initiatives including the long-term ambition for our Strategic Road Network (SRN), the production and review of the 5-year Strategic Business and Delivery Plans and developing our national plans covering route strategies, investment and economic growth.

So, if you want to get involved with our relationships with our statutory stakeholders, sponsoring the road investment strategy, providing high quality analyses to the rest of the organisation and leading on our key corporate initiatives, then we’re the right place for you.

Why you should join us

At Highways England we believe in a connected country. We are passionate about creating a culture where colleagues feel connected, included and enjoy greater wellbeing to achieve this. We’re proud that as an organisation we are continually striving to do better and actively encourage and support our colleagues to do the same with their careers.

So, if you put safety first, take ownership of your work, show passion for what you do, work effectively in a team, and demonstrate integrity in how you do it – then you’ll be a great fit for our organisation.

And finally

Interviews will take place mid-August 2019.

We reserve the right to close before the advertised closing date, so we recommend completing your application as soon as possible.

Apply