Senior Operational Research Analyst

Manchester, UK or
Birmingham, UK
Ref: HIG01841

Apply

Your new role

This exciting role presents you with a unique opportunity to carry out varied analyses, both in-depth and routine, answering key questions on the performance of our road network. You will be responsible for developing metrics and providing analytical assurance to the business. You will work with important stakeholders, including business leaders and the Department for Transport as well as external bodies such as Transport Focus and Royal Mail. A key part of your role will be to develop the analytical capability of the team, so you’ll need to be a great communicator and have current/working knowledge of Operational Research techniques.

This role will involve regular travel between Birmingham and Manchester.

What you’ll be leading on

- Analysis into the customer satisfaction, safety and performance of the road network, including delays, lane availability, speed and incidents
- Understand customer requirements to enable effective analysis and communicating this with impact to aid decision making and managing stakeholders at all levels
- Developing the analytical capability of the team
- Undertaking bespoke analytical research projects, developing performance metrics and predictive models
To be successful

- Numerical degree, or equivalent, in a relevant subject; or relevant work experience
- Previous experience working in an analytical role, developing analytical models and applying operational research concepts and statistical techniques
- Excellent communication skills and engaging communication style with the ability to present with impact and develop the capability of others
- Knowledge of SQL, R, Python or any other data query language and GIS skills
- Desirable – experience of project management

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.

Want to know more?

Take a look at our role profile here.

https://onedrive.live.com/?authkey=%21AJ5W5nxuQi3ULvM&cid=3A8AE21FCA624280%21652&parId=3A8AE21FCA624280%21117&o=OneUp

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

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

Apply