Senior Operational Research Analyst

Highways England, Birmingham, UK

Apply
Salary: £40,188 – £44,208

Location: Birmingham

Reference: HIG00386

About Us

Highways England are responsible for operating, maintaining and improving England’s motorways and major A roads. Over recent years, investment in our highways has increased, this has led to advances in technology, such as smart motorways; enabling traffic to flow better. However, even more is yet to be done. Considering that a third of all traffic, two thirds of heavy goods vehicles, and 98% of UK businesses rely on them, and you can see why our roads, and what we do, matters so much.

It’s an exciting time to begin a career with Highways England as we invest £11 billion in our motorways and A Roads boosting capacity, tackling congestion and improving safety which is why we’re so grateful to our c 4,500 employees around the country. At the same time, we’ll improve how we work. That means we will be able to; plan roadworks better to minimise disruption; clear incidents more quickly; and save more than £1 billion by working more efficiently. When you work with us, you’re helping to connect communities, sustain business and support the economy.

For further information on Highways England, please visit our website: www.highwaysengland.co.uk

The Role

Highways England are currently recruiting a Senior Operational Research Analyst on a permanent basis to be based at our Birmingham offices to be responsible for providing analysis and evidence to support decision making within our Strategy and Planning Directorate. The successful Senior Operational Research Analyst will be involved in the management and development of performance metrics, development of predictive outcome models to test the impact of interventions and provide forecasting in order to communicate performance and analysis to internal and external stakeholders.
Day to day

- Develop and use Operational Research modelling techniques to build forecast models.
- Develop Key Performance Indicators (KPIs) and performance indicators designed to measure the performance of the company in key outcome areas.
- Establish and lead analytical working groups and carry out analysis in priority outcome areas.
- Respond to data and analysis request from customer including Freedom of Information Requests, deep dive analysis on specific subjects.
- Proactively promote data quality by identifying and resolving errors within the databases, and implementing measures to improve data quality and integrity.

About you

- A degree in a numerate subject preferably in statistics or applied mathematics.
- Experience of working with large data sets in an Operational Research Analyst role.
- Experience of carrying out difficult analytical assignments, at pace, and ability to communicate the results to a senior management audience effectively.
- Experience of Operational Research techniques, Data Analytics and strong competency in a range of mathematical modelling, GIS and statistical techniques.
- Knowledge of and strong hands-on experience in programming, modelling or data query languages such as SQL, R, Python or similar as well as having an advanced knowledge of Excel.

Applying

So we can really get to know you and what you can offer please include a CV with your application. You’re also encouraged to include a covering note explaining how you’re a great match for us: so please tell us how your skills, experience and qualifications meet both the role, and Highways England, requirements.

For further information please review the Senior Operational Research Analyst job profile.

All candidates will be required to provide valid proof of Right to Work in the UK and ID at interview.

We’re expecting this role to be popular, so we may need to close the advert early if response is strong so to avoid disappointment, please apply as soon as possible

Help keep England moving. We look forward to hearing from you.

Closing date: 3 April 2018.

https://www.statsjobs.com/job/senior-operational-research-analyst-2/