Junior Data Analyst – TrafficMetrix

Why join Kalibrate

For over 25 years, Kalibrate have been staying ahead of the curve in the fast-moving world of fuel and convenience retail. We were the first to use the power of data for making better decisions and today our artificial intelligence & machine learning solutions have turned data into a smart, actionable tools. With over 300 clients in 70 countries, in mature and emerging markets, for clients large and small, our strategy and technology solutions empower fuel and convenience retailers around the globe to achieve greater value and success on their own terms.

It's an exciting time to join us as we have ambitious plans to grow over the next 5 years.

Role purpose

The successful candidate will be working as part of an exciting initiative to redefine Kalibrate's approach to data collection, transformation and modelling.

Based partly in our modern offices in the heart of Manchester, you will responsible for assisting with the extraction, transformation and mapping of traffic related data. Kalibrate utilizes over 6000 different sources of traffic data globally; this role would involve assessing and prioritizing data sources based on business need and determining the most efficient way to utilize this data. You will be working to automate data collection and transformation where possible, and manually plot traffic data where automation is not possible.

Kalibrate is looking for someone with experience in processing data and has aspirations to develop their skills, take on more complex challenges and develop into a more senior role.

Key responsibilities include:
- Automation of data entry using sophisticated ETL workflows & tools
- Manual plotting of traffic data where automation is not possible
- Troubleshooting of erroneous data
- Enrichment of traffic data using geospatial analysis and 3rd party data sources

Kalibrate values
- Lead the way
  - You'll be our go-to person for many data-related activities and analysis projects
- Empower others
  - You'll share your findings and analysis with the members of your team to help with key projects
- Challenge convention
  - You'll be curious about best practice and new data processes. You'll identify potential inefficiencies in data processes and develop innovative solutions t
- Be genuine
  - You'll be passionate about data and have a positive attitude.

Key skills and attributes

Required Skills & Experience:
- Strong research skills and experience in delivering data insights, making recommendations and following them through
- Ability to carry-out manual data entry quickly and accurately where automation is not possible
- Experience using GIS & Spatial ETL tools such as QGIS & ArcGIS
- Ability to identify for bottlenecks and opportunities for improvement in current processes and to work with analysts and management to implement solutions
- Advanced statistical analysis skills:
- Analyze/interpret data and present results using established methods
- Evaluation of coverage and accuracy of data
- Prepare comprehensive and detailed reports
- Manage large quantities of complex data
- Manage multiple analyses and priorities
- Strong excel skills (Pivot tables & lookups)
- Action-oriented and results-driven
- Excellent verbal and written communication skills

Desirable Skills & Experience:
- Understanding of statistical concepts including correlation, variance, significance, and predictive model fitting.
- Experience with Alteryx or FME ETL solutions
- Experience with leaflet, MapBox & GeoServer mapping tools
- Experience in programming with an open source statistical language – including R
- Experience related to traffic related data
- Experience in, or understanding of the fuel or convenience retail sector
- Detail-oriented but able to 'ladder-up' to see the big picture
- Comfortable with ambiguity
- Language skills – Portugese, Spanish, French or Japanese highly desirable

Qualifications
- Degree qualified, preferably in a science, technical or business field