Lead Data Science & Analytics Consultant

TUI Group

Location: Luton, UK

Contract Terms: Permanent

Lead Data Science & Analytics Consultant

TUI Group sees the application of data and analytics as a core source of competitive advantage in the drive to deliver market leading personalised customer experiences which maximise the value captured from our extensive travel and holiday range whilst operating at maximum efficiency. This is a great time to join a new team which is extending the application of data science and analytics across the TUI UK & I business, joining up data and thinking across multiple business functions.

In this role you will act in a lead capacity on key strategic projects which have an analytics solution at their heart. You will face off directly with a senior sponsor(s) and will design and deliver analytical solutions for projects which have significant technical and analytical complexity, and are critical to the realisation of strategic plans either within specific business functions, and / or across multiple business functions. In particular we are looking for a commercially minded consultant with proven recent successes designing, developing and implementing solutions using a wide range of technologies, and techniques encompassing statistical modelling, econometrics and data science.

What you will be doing:

You will be working with multiple stakeholders at all levels of the business, including senior and board level management, identifying business opportunities where an analytics approach can deliver significant change. You will define hypotheses, potential solution approaches and business benefits, and obtain stakeholder buy-in for change; you will then specify and agree actual analytics solutions and data inputs, and, working with both business and IT teams, ensure such solutions are delivered to time and budget, productionised as appropriate, and that benefits are realized.

Taking a client centered “consulting” approach, you will work to the TUI Analytics Framework and lead small teams of analytics consultants and people seconded from the business, ensuring that potential solutions are prototyped and analysed in advance of development; using structured and methodical processes you will ensure that solutions will deliver expected value, that data sources are suitably robust, that options are analysed and selected based on insight derived from data, and that final delivered solutions are thoroughly tested.
WHAT WE ARE LOOKING FOR

• A lead practitioner with demonstrable recent commercial experience and skills in driving business improvement through knowledge and application of analytics skills, including:
  o Data profiling and visualisation, data science, statistical modelling, econometrics, machine learning, optimisation, simulation, forecasting and experimental design;
  o Deep specialism in business application areas such as customer analytics, customer value management, yield management, real time decisioning.
• Strong recent technical skills in a range of data management, data science and analytics technologies, including creation and use of cloud and big data solutions, combined with a proven ability to learn new techniques quickly; Experience to include:
  o Working with large, unstructured and structured datasets;
  o Deploying and using Amazon Web Services, the Hadoop ecosystem, and Spark / Impala / Hive;
  o Use of statistical modeling and analytics tools such as R, SAS, Python, Matlab etc;
  o Use of data visualisation tools such as Tableau, data management / query languages (SQL), data quality tools such as Pandora, and tools / techniques for managing and transporting large data files (JSON, Flume, Web Services);
• Excellent communicator, both verbal and written, in English. Comfortable communicating high level concepts to senior stakeholders, whilst also being able to delve in to the detail of complex changes when required;
• Degree qualification (minimum 2:1) in a mathematics or statistics focused degree, and post graduate or professional qualification in a relevant field desirable.

Package details:
The following will form part of the overall benefits package

• Competitive Salary
• Generous Car Allowance
• Discretionary Company Bonus Scheme
• Contributory Pension Scheme
• Share Ownership Scheme
• Family Private Medical Cover
• Holiday Concessions and Travel Offers and Discounts
• Additional Annual Leave on salary sacrifice
• Lifestyle benefits (childcare, cycle to work, gym memberships, season ticket loans, Luton Rail Card)