Think

ATM & Airports Consultancy

Analytics Consultant

1 Summary

Job Title   Analytics Consultant
Location   Bournemouth, UK

2 About Us

Think Research is an Air Traffic Management and Airports consultancy based in Bournemouth, UK.

We specialise in improving operational and regulatory performance of our clients. We apply a range of analytical and modelling techniques coupled with our expertise on present and future operations, technology and policy in the ATM and Airport domains. In the 16 years since the company started we have worked with 62 clients from 32 countries across 5 continents.

Even in today's challenging market, we are a growing consultancy with ambitious growth plans. We have achieved strong growth through:

- High client retention
- High staff retention
- Exceptional track record of delivery

The input of our staff into the company, its direction and its growth are key to us and we offer:

- Competitive rates of pay
- Above average pension scheme
- 36 days holiday (inclusive of UK bank holidays)
- Graduate scheme
- Tailored career development
- Targeted training and continuous coaching
- Generous maternity & paternity pay
- Company sick pay scheme
- Paid charity leave
- Flexible working options available
- Worldwide travel opportunities

We are now looking for candidates to support the growth of our Analytics team. As a consultant with us you will be involved in a variety of interesting projects for clients around the world, be expected to build and manage client relationships and maintain the standards that we expect on each assignment.

3 Background to the role

Think place Analytics at the core of our offer. We pride ourselves on combining incisive analytical capabilities with a comprehensive understanding of the air traffic management task. This ensures we offer deep data-driven insight that is balanced with a meaningful operational interpretation.

Our Analytics capabilities have supported the implementation of new operational concepts at some of the busiest airports in the world; have helped us develop analytical tools and models which provide evidence that new air traffic systems are fit for purpose; and have allowed us to give our customers

incredible insight into their own operations through the power of their data. What was once a niche skill in a traditional industry, is fast becoming a bedrock for future operations.

We trust our staff to innovate and strongly believe in equipping them with a well-balanced blend of skills. We train our Operational staff in Analytics and our Analytical staff in Air Traffic. All staff will be supported to drive their training and development, with the opportunity to contribute and direct the company's Analytics development strategy.

Our policy of growth uses a model of recruiting ambitious and talented staff and investing in them so that they can expediate their own growth and career development as well as our capabilities.

Staff are expected to:

- Contribute to our project portfolio across all business area e.g. Airports, ATM
- Work with senior staff, coaches and mentors to identify an accelerated career development plan
- Show willingness to take on responsibility and client facing tasks from day one, with support from other members of the Think team
- Commit to the Think values of quality, delivery, innovation, trust, integrity and expertise

The successful candidate will become part of an Analytics team supporting the development and implementation of advanced analytical ideas which will help the air traffic industry recover and grow. The work is fast-paced and will have a direct operational impact so requires a careful eye for details and robust working practices. The Analytics team will also support longer term R&D into future Air Traffic concepts, which will reward candidates with an inquisitive mind who are able to think beyond the immediate task in hand.

We're not a big, process heavy bureaucracy so if you are looking for a well-worn, fully mapped out career route we are likely not for you. If on the other hand you like challenge, working on the edge of your comfort zone and the diversity of opportunity that comes from being part of a growing SME then we can give you a fantastic environment in which to turbo-charge your career.

4 Job Profile

Key Tasks:
- Interrogate, interpret and visualise large volumes of data
- Conduct Exploratory data analysis, hypothesis testing, data preparation, and product prototyping based on modern statistical, computational and ML/AI methods
- Maintain and review documentation for statistical and data processing functions, as well as data processing pipelines
- Develop data analysis and visualisation tools which articulate complex situations and technical work to a technical and non-technical audience
- Build models which help understand and improve the operational performance of complex airport and air traffic systems
- Manage working relationships with project teams, keeping people up to date on progress and highlighting any risks with projects.
- Proactively propose opportunities and ideas to apply data science in the business
- Keep up to date with the latest trends in data science

Technical Skills
- A numerate degree or Master's degree in Statistics/Mathematics/Operational Research/Computer Science/Physics/Engineering or similar

- Demonstrable experience in the use of Analytics tools such as Microsoft Excel, Python, R, SQL, Hadoop, Tableau etc
- Experience in data science tools and techniques such as dashboarding, data cleaning, data mining, machine learning, applied statistics
- The ability to assimilate knowledge of industry specific tools, technologies and platforms
- The ability to understand a client's current operations, to model them using state-of-the-art software and to build future scenarios that demonstrate where performance can be improved
- Excellent report writing and communication skills

Consultancy Skills:
- A positive, ambitious and entrepreneurial outlook
- An inquisitive mindset and ability to act on initiative and self start
- An understanding of the soft skills required to be a rounded consultant: Initiative, teamwork, communication, sales and marketing
- A willingness to participate in personal development of yourself and others
- A desire to solve complex problems
- The ability to manage demanding sub-tasks within projects
- Appreciation of the skills required to build strong and lasting relationships with customers

5 How to Apply

To apply for this position please send a cover letter expressing your reason for applying for the role and your CV to jobs@think.aero. Please also include the title of the position you are applying for within the email subject line.

We would expect candidates who are selected for interview to prepare and deliver a presentation on a topic of our choosing. We would expect new recruits to be able to be based at our office in Bournemouth.

Whilst it is our preference to hold face to face interviews in our COVID secure offices in Bournemouth, we understand that this may not be possible for every candidate and will accommodate alternative arrangements where possible.