Head of Data Science

- News UK, London, UK

Apply

News UK is a great company full of talented, dedicated and creative people. We are an organisation that holds journalism at its very heart. Our newspapers and digital products include some of the most powerful media brands in the English speaking world: the Times, The Sunday Times and The Sun – reaching 30 million people each week. Despite differences in audience and content our brands are united by a commitment to independent journalism that connects our customers.

Technology, a team with people and product at our heart. Passionate and trusted experts creating industry leading solutions through attracting and developing the best talent. CTO of the Year (Tech Leaders) 2017, Christina Scott, leads the department and has worked for many years transforming technology teams in media companies.

The Data Technology team in News UK uses data and machine learning to power the newsroom, digital products, marketing and advertising parts of our business. We are a multi-disciplinary team that includes data engineers, data scientists and data product development specialists.

Data scientists are focused on developing predictive models that are productionised at scale, and tools and solutions with data and machine learning at their core that help the business improve or automate their existing workflows, or create value for the business in new and previously impossible ways.

We are seeking an amazing Head of Data Science to lead our team of talented data scientists – in both the UK and India – and fulfill the vision of embedding machine learning at the heart of everything we do at News UK. This is an incredible opportunity to shape News UK’s strategic direction and take a hands-on role in its delivery across the organisation.

You will love developing and deploying machine learning models at scale on top of massive data sets and have experience across both data science and data engineering, in particular the Python landscape, and cloud environments such as Google and Amazon. You will have experience of solving data science problems across a wide range of domains, and using a wide range of data science toolsets, ideally including building predictive models on and running real-time experiments against web-log scale data, natural language processing and applications of deep learning. Experience of developing bots and conversational interfaces are also a boon.

As well as bringing technical leadership and rigour to everything we do in data science, you will be in your element working with a diverse and exciting set of senior
stakeholders across both The Sun and The Times. As such you’ll have excellent presentation skills, with a flair for data visualisation, as well as being a pragmatist who can help the team rapidly prototype solutions with minimum necessary complexity, and avoid situations such as this (http://dilbert.com/strip/2012-04-17).

Ideally you will have:

- Experience of creating/influencing and implementing the data science strategy of an organisation by working with multiple stakeholders and engineering/delivery teams
- Experience in: building predictive models on and running realtime experiments against web-log scale data, natural language processing and applications of deep learning
- Experience across both data science and data engineering and ability to develop best practice and discipline for the team
- Passion for data visualisation and effective communication with data
- Experience managing and developing data science teams (or at very least, coaching junior members of a team)
- Technical Toolset: Python, TensorFlow, SQL, R, big data technologies (Spark, Hadoop etc)

About Us,

News UK is a great company full of talented, dedicated and creative people. We are a company which has journalism at its very heart. Our newspapers and associated websites are some of the most powerful media brands in the English speaking world, reaching 30 million people each week. They are very different products with different values and different strengths, but all are united by a commitment to independent journalism that connects with our customers.

News UK is a company which thrives on pace. Our people stretch themselves on a daily basis, challenging the status quo to produce the best service possible to our readers and customers. We embrace creativity and initiative and we have some of the most talented people in the industry.

If you want to work for one of the world’s most exciting, challenging and creative media organisations then News UK is the place to build your career.