

This is us...

Black Swan creates better outcomes through technology and the power of prediction. Our products transform the way brands create value from data, finding insights and solutions that create an advantage for their business. We analyse consumer behaviour using public and private data, then build cutting edge technology based on predictive models to create better outcomes – we call this “Applied Prediction”. Bringing together a passionate and talented team that combine skills in software engineering, data science, design, product innovation and marketing, we thrive on change, innovating across social intelligence and big data. Launched in 2011, today Black Swan employs 200 people worldwide across offices in the UK, USA, Singapore, Hungary and South Africa. We work with some of the world’s leading consumer-focused brands including Vodafone, Pepsico, Disney, Panasonic, Tesco and GSK.

Our work is getting us noticed – this year, we were shortlisted for a Data IQ Talent Award and have been named Britain’s fastest start up by The Sunday Times ranked #1 in their inaugural ‘Start Up Track 15’.

Welcome to the Data Science team at Black Swan...

This is an opportunity to join a rapidly growing data and technology agency led by an experienced management team. Being passionate, a team player, and a go-getter are essential to working for this up and coming agency.

The Data Scientist role reports directly to the Head of Data Science, working across many of Black Swan’s large scale data projects with new and existing clients. This role will be based at our client offices in Newbury, Berkshire.

You will solve business problems using machine learning and statistical methods, using a wide range of publicly available and in-house data sources.

At Black Swan we only solve a problem once. We expect our Data Scientists to take this on board and use existing tool kits where ever possible, working quickly and accurately to add maximum value.

You will also be expected to research and implement novel methods when necessary, before deploying them for use by the wider team.

Following a period of onboarding and training we will expect you to deliver production quality code for inclusion in Black Swan’s proprietary software.

Your role at Black Swan...

Your duties as a Data Scientist would include:

- Collating client data
- Understanding key relationships in the data
- Building models, working quickly and accurately using existing libraries such as Scikit Learn

- Interpreting results
- Presentation writing and experience presenting to clients
- Running your own projects and handling day to day contact regarding data

Personal Attributes

- Motivated self starter
- Excellent people skills and great communicator
- Team Player
- Problem solver
- A passion for technology
- Excited by change
- Organised and able to prioritise
- Commercially aware
- Able to use their own Initiative.
- Never reinvents the wheel.
- Professional attitude

Relevant Experience

- The ideal candidate will be a graduate with advanced experience in Python scripts.
- Experience delivering production ready code would be a significant advantage.
- The post holder will have excellent organization skills and will be comfortable processing large amounts of data. They will work diligently using an accurate and methodical approach to ensure high data quality.
- Flexibility is essential as they should be willing to pick up different tasks as required.
- The applicant must be proficient using Excel, Word and PowerPoint
- Experience with NoSQL databases, MongoDB and JavaScript would be an advantage
- Good understanding of the technology landscape and passion to learn more

Practical Skills

- The successful applicant will be a well-organized team player who is flexible and adaptable and maintains a high attention to detail.
- Strong written and numeracy skills
- Excellent communication (written and verbal) including strong listening skills.

Desirable Skills

- Content strategy & digital analytics
- Identify trends and patterns in information

We want to positively change the future through technology and the power of prediction.

How about you?