Job Specification

Data Scientist

Description and requirements for the Data Scientist role at HTK

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Document History

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About HTK

Since 1996, HTK has been helping businesses use their customer data to deliver personalized experiences that grow sales and retention.

Our cloud-based Horizon platform helps turn marketers turn their customers into repeat spenders and loyal advocates, through insight and meaningful engagement. Horizon is used by global businesses across a range of sectors, to power their CRM / engagement strategies and customer loyalty programs.

Based in Ipswich, UK, our team of marketers and software developers are working hard to help our clients become leaders in customer experience.

To continue the development of our platform and deliver greater insight to our clients, we're seeking an experienced Data Scientist to join our team.

Job Description: Data Scientist

Overview

Reporting to the Chief Product Officer, you will work on the delivery of HTK's data insight products and services. Utilising your skills in data analytics and machine learning, you'll be building solutions that extract valuable business insights for a varied range of customers.

You will be highly analytical with a solid grasp of analysis, math and statistics. Problem solving and critical-thinking skills are a must, along with a passion for machine learning and research.

Main Activities & Responsibilities

The Data Scientist will:

- Identify appropriate data sources and how they should be processed in order to meet product and customer requirements
- Undertake preprocessing of structured and unstructured data
- Analyze large amounts of information to discover trends and patterns

- Propose and build predictive models and machine learning algorithms that can be productised or delivered via client services
- Present information using data visualization techniques
- Propose solutions and strategies to address and solve business challenges
- Collaborate with HTK operations, client services and product development teams

Essential Skills & Requirements

- Proven experience as a Data Scientist
- Experience in data mining
- Understanding of machine-learning and operations research
- Knowledge of R, SQL and Python; familiarity with Java is an asset
- Experience using business intelligence tools
- Analytical mind and business acumen
- Problem-solving aptitude
- Excellent communication and presentation skills
- Degree in Computer Science, Engineering or relevant field