

# Alex Hickson

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## Summary

As an experienced data and AI specialist with more than 12 years of expertise, I specialize in crafting and executing analytical solutions, ETL processes, and data warehouses. My proficiency lies in handling large datasets and helping businesses extract valuable insights from their raw data. In addition to my technical abilities, I possess excellent communication skills, enabling me to work effectively with cross-functional teams. I am a fast learner and can quickly adapt to new technologies and tools.

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## Skills & Expertise

Python, Oracle, Java, R, Data Integration, Essbase, SQL, HTML

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## Education

**University of Bristol** Master of Engineering (MEng) 2:1, Engineering Mathematics, 2007 – 2011

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## Experience

### **RELX**

June 2021 – Jan 2023

- Solution to merge 2 data platforms to consolidate financial forecasting for largest events business in the world
- Load and transformation of 10 years of historical actuals, forecast and budget data
- Python solution to run cross validation report based on rules held in EBS

### **UK Police Force**

June 2020 – May 2021

- Integrated different sources of data to help ensure the force knew the crimes that were happening and that are enough officers skilled to tackle the crime
- Designed custom Financials, Capex and Workforce Planning solutions
- Wrote suite of reports used to monitor the financials

### **Informa plc**

June 2019 – April 2020

- Due to FTSE100 client's acquisition of FTSE250 competitor, developed multiple integrations across Oracle, IBM & SAP apps
- Implemented interface improvements to master data management of analytics apps
- Presentation on deep dive into Python solutions

## **Mizuho**

January 2018 – June 2019

- Brexit project to update applications for setting up Frankfurt entity
- Design of new data warehouse for Brexit
- Integrations from data warehouse into cloud analytics apps
- Added FX to financial forecasting apps

## **UBM plc**

August 2015 – December 2017

Implemented various process and technical improvements to global, 400 user, EPM solution:

- Workforce Planning solution that models financial staff costs based on HR data
- This 2-day process was simplified down to 30 minutes
- Automated management reporting pack emailed daily to global finance leads.
- Organised and led global training sessions in Amsterdam, Manchester & London

## **Hitachi Consulting**

January 2013 - August 2015

- Enhancements for largest UK hotel chain to extend daily reporting of KPIS for occupancy, profitability and costs per rooms sold.
- Multi currency financial forecasting application for largest bank in Japan
- Additional analytics projects for building society and housing company

## **Accenture**

August 2011 - January 2013

Consulted with various business leads to define what they needed to measure and segment their customer data by. Built a BI repository on top of some sample data in order to demonstrate OBIEE's capabilities to the client.

## **BT**

June 2010 – June 2011

Machine learning model to automatically predict where maintenance jobs would occur 33% more accurately than before within 6 distinct regions in the UK.

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