

x

BRIGHTER STARTS HERE

JOIN OUR IT TEAM AND HELP CREATE
A LOW CARBON, SUSTAINABLE FUTURE.

APPLY NOW



At ESB, data sits in the centre of our business, providing insights to support better business decisions. The Data Analytics team is an award-winning group of highly motivated and highly skilled professionals, working to support data-informed decision-making right across the ESB organisation. We work in a collaborative, agile way, interpreting data sets from our financial, operational, network and customer systems.

We are looking for data scientists, data engineers and data analysts to join our growing data analytics team. If you are passionate about data and analytics and want to be part of ESB's Brighter future strategy, leading the transition to reliable, affordable, low carbon energy, we'd love you to hear from you.

Senior Data Scientist

Working within the Data Science Team, you will be responsible for delivering business insight through interpretation of large data sets from our financial, operational, network and customer systems. You will work closely with data engineers, data analysts and product owners to solve business challenges, prioritising, scoping and managing a broad range of data science projects.

Key Responsibilities

- Manage the delivery of complex data science solutions from inception, through Proof of Concept and into production, using a range of tools and methods.
- Work alongside other data scientists and analysts to design and implement models and experiments from end to end, including data ingestion and preparation, feature engineering, analysis and modelling, model deployment, performance tracking and documentation.
- Collaborating with engineering teams to continuously strengthen our machine learning pipelines.
- Make business recommendations based on the data that drives better business decisions.
- Collaborate with relevant business areas to identify new projects and opportunities, understand their requirements, agree success criteria and ensure delivery.
- Train / Mentor junior team members.
- Prioritise, scope and manage data science projects and the corresponding key performance indicators (KPIs) for success
- Evaluate the effectiveness & appropriateness of data science tools & methodologies
- Stays abreast of internal and external developments to identify & implement best practice methodologies to deliver against current and future ESB analytics requirements.

Knowledge, Skills and Experience

Essential

- A strong background in statistics and machine learning.
- Be considered an expert data scientist, with at least 6+ years of relevant experience in successfully planning and executing complex data science projects.
- Highly numerate background with an advanced degree in an analytical discipline (Computer Science, Mathematics, Physics, Statistics) and a deep understanding of statistical methods/approaches and machine learning algorithms.
- Experience applying computational algorithms, statistical and programming methods using (R and Python) to structured and unstructured data while applying best practice to code management.
- Experience with distributed data/computing tools: MapReduce, Hadoop, Hive, Kafka, MySQL etc.
- Experience developing solutions across a number of deployment environments including cloud and on-premise (AWS, Azure or GCP)
- Able to cleanse, filter and re-factor complex data from different sources (including non-traditional data sources) to achieve the analysis goal.
- Expertise in data visualisation and various visualisation techniques.
- Should exhibit superior presentation skills, including storytelling and other techniques to guide and inspire.
- Should be confident, energetic self-starter, with strong moderation and communication skills.
- Able to communicate complex ideas and findings effectively to a variety of audiences including a non-technical audience.

Desirable

- Microsoft Database technologies (SQL Server, SSIS, SSRS)
- Proficiency with Azure DevOps
- To have an external focus and seek ways that ESB can continue to adapt and improve its use of data analytics in the broadest sense
- Agile development methodologies (Scrum, Kanban)
- Ability to create or optimise algorithms for use in distributed, high-volume scenarios.
- Previous experience in any of the following: GIS, Predictive Maintenance, anomaly detection, Fraud Detection.

Above all, you must be innovative in your approach and be able to demonstrate your ability to actively contribute to a team that delivers results. Knowledge of the electricity supply, transmission and generation business is not essential, but would be a distinct advantage.

Qualifications

Essential

- Degree in Mathematics, Statistics, Data Science, Analytics, Computer Science or related fields, or equivalent work experience in applying data science to real world business problems.

Reporting to

- The successful candidate will report to the Data Science and Visualisation Manager, Analytics, CIO.

Location

Base Location: Fitzwilliam 27, ESB's new Head Office, Dublin (Smart/Remote Working suitable)

ESB is committed to offering flexibility in ways of working and we call that **Smart Working** – combining digital tools with a culture of trust and empowerment to enable flexible and remote ways of working.

The successful candidate may combine remote / smart working within the jurisdiction (Republic of Ireland), with attendance at base for in-person collaboration, the frequency of which is agreed with the manager and subject to ongoing review.

Further Information

Further information on all our current Digital/Technology/IT related roles, including full job descriptions and information on our Smart Working as well as our new state of the art Head Office Fitzwilliam 27, visit www.esb.ie/careers

In return, we offer excellent career enhancing opportunities where our people can thrive in a fast paced, agile environment by giving them the tools, flexibility and autonomy to deliver on our purpose: leading the transition to a secure, affordable, low-carbon energy future for our customers and communities.

We pride ourselves in the mentoring, training and development offered to staff, as well as our competitive and attractive rewards and benefits package.

We are also offering a once-in-a-generation opportunity to empower our people to work smarter, enjoy the benefits of an inclusive, flexible working culture and significantly reduce carbon emissions through remote and hybrid working.

Closing Date

Closing date for applications is Monday 18th October 2021.

If you have any queries in relation to this job, please contact recruitment@esb.ie

Apply Now

To apply for the **Senior Data Scientist** and other Data & Analytics roles, click on the link below:

<https://career2.successfactors.eu/sfcareer/jobreqcareer?jobId=7321&company=electric02>