

"A lot of the work I've completed is either to improve the customer experience or help improve technology within EDF. All of this enables EDF to be in a better position to help Britain achieve Net Zero."

Chris Willcock, Data & Tech Graduate



What experience will I gain during the Data & Tech programme?

During your training you'll complete four placements over two years. We offer a curated programme designed to give you exposure to a series of tools and techniques to develop you as a Data Scientist and/or Software Engineer, all whilst gaining exposure and understanding across the energy business.

What kind of placements will I complete?

Following an induction with graduates from all of our schemes in September, you'll head to your first placement, where you'll immediately start making an impact on our ambition to help Britain achieve Net Zero.

Our current graduates are working on improving the **integration of live market data** into trader tools and using industry consumption data to predict bill values and recognise where customers may be going off track. Or you might **build tools used 24/7 by our Traders** to forecast customer demand, dispatch our power stations, or optimise our trading strategies, all using real-time data.

You could join the team that manages a tool called **Energy Hub**, which uses **Smart** meter data to help residential customers understand their energy consumption by breaking it down into its components (heating, lighting, appliances, etc). This gives customers the knowledge to make environmentally friendly choices like switching to low carbon heating.

You could help make customers lives easier in managing their energy accounts. We're proud of our **award-winning digital tools** and continually use analytics to improve these, with the aim of embarking on an exciting project to build our **next generation mobile and web applications** for self-service over the next few years.

Across all of your placements you'll work in a truly Agile and collaborative environment, learning from subject matter experts such as: Data Engineers, Data Scientists, DevOps Engineers, Software Engineers, Product Owners, Business Analysts, Architects and Project Managers.

Our Tech Stack

During the course of this programme, you'll learn industry leading technologies, platforms and concepts including:

- **Data Engineering / Science** – Big Data, data lakes, Tableau, Python and data manipulation with Pandas, plus TensorFlow, Hadoop and Spark.
- **Software Engineering** – Full software delivery lifecycle; designing, building, testing, deploying and running cloud native applications using serverless technologies, using a range of languages including: JavaScript/Typescript, GoLang and Python.
- **DevOps** – Cloud technologies and concepts, AWS, infrastructure as code, CI/CD pipelines and build/test automation, operational alerting/monitoring and instrumentation.

Visit our [Graduate Hub](#) to find out more our recruitment process and life as a Graduate at EDF.

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