

# EV Technology Limited

## Job Description

<b>Job Title:</b>	Electric Vehicle Data Scientist
<b>Responsible to:</b>	Lead Developer & COO
<b>Term:</b>	Permanent
<b>Salary</b>	£30k per annum

EV Technology is the leading specialist consultancy and technology provider to the electric vehicle (EV) industry. We provide our customers with the tools and know-how to be able to make the switch from petrol/diesel transport to electric. From driver education and journey planning to fleet management and cost analysis, EV Technology brings unparalleled experience and technology to customers wanting to embrace the electrification of their transport.

We are currently pioneering the development of software tools and applications for the benefit of EV drivers, fleet managers and providers of Mobility-as-a-Service. Based on the experience and knowledge derived from running a pure electric taxi fleet, the company is driving the innovation needed to facilitate the uptake of EVs at scale.

We are growing and looking for an outstanding candidate to augment our world class development team by taking on the role of specialist Electric Vehicle (EV) Data Scientist. This role will entail working closely with the development team to understand all aspects of the EV environment through interpretation of numerous data sources. These will include: on-board telematics devices; charge point network APIs, open source traffic, weather, and mapping providers.

The ideal candidate will have significant experience in both data analysis and machine learning as well as in the EV industry.

### Duties and responsibilities:

- Managing substantial datasets revolving around electric vehicles' telematics, other factors which may affect battery consumption e.g. varying altitudes and road types, and surrounding EV infrastructure e.g. charge points.
- Designing, developing and managing systems to clean datasets, perform machine learning techniques, and send relevant data points to system users based on specific requests.
- Developing code, ideally Python, to develop and improve a multitude of machine learning systems.
- Developing and using APIs to collect, send and receive data.
- Working with colleagues to ensure systems can be used commercially through the use of APIs or other methods.
- Involvement in other projects which may involve Python programming.

### The skills and experience we are looking for in a potential candidate are:

- A high-class undergraduate degree in the physical sciences.
- A postgraduate MSc degree in the physical sciences, ideally in a subject relating to electric vehicles.
- Knowledge and understanding of electric vehicles and in particular their battery usage and

factors which may impact this.

- Substantial experience in computer programming and machine learning, ideally in Python and using additional libraries related to machine learning such as pandas, numpy and scikit.
- Experience in working on programming projects involving machine learning and handling large datasets.
- The ability to create and manage APIs which utilise machine learning projects and allow users to request and receive the data in an efficient and secure manner.
- Experience working with Amazon Web Services, in particular AWS lambda and API gateways.
- Belief in a low carbon economy and environmental and commercial benefits of firms using low emission vehicles for business transport.
- Strong team player and excellent communication skills.
- Result driven, with strong attention to detail, execution, follow-up and a focus on quality.

Please send your CV and brief covering email to: [rob@ev-tech.uk](mailto:rob@ev-tech.uk)