

<b>Eskaintzaren erreferentzia / Ref. de la oferta:</b> <b>FEV-Dat-56</b>	<b>UPV/EHUko Enplegu Foroa</b> Foro de Empleo de la UPV/EHU	 Universidad del País Vasco Euskal Herriko Unibertsitatea
	<b>BIZKAIKO CAMPUSA</b>	

### **Enpresa-Erakundea / Empresa- Entidad**

FEV Iberia SL

### **Lanpostua / Puesto:**

Data Scientist for Battery Systems

### **Lantokia / Lugar de trabajo:**

Bilbao

### **Egin beharreko zereginak edo eginkizunak / Tareas o funciones a realizar:**

- Develop statistical models to predict and monitor energy storage system performance.
- Analyze lab-based data and apply findings to field data for prognostic recommendations and problem identification.
- Implement, test, and validate models with field data.
- Develop and validate state-of-the-art estimation, prediction, and statistical inference algorithms for battery systems.
- Contribute to the development of novel battery analytics algorithms and their validation.
- Design and implement data pipelines for efficient data collection, cleaning, and preparation.
- Ensure data pipeline requirements are met for energy storage systems.
- Report and monitor ongoing lab testing.
- Develop tools for performance monitoring and analytics capabilities for energy storage systems.
- Collaborate with team members, product owners, and other stakeholders to meet immediate and long-term battery data analysis requests.
- Write documentation on algorithm and model improvements to clearly communicate new methods and implementations.
- Stay updated with novel AI algorithms and tools, and implement them as needed.
- Contribute to the long-term battery analytics strategy and roadmap.

### **Eskatzen diren betekizunak / Requisitos exigidos:**

- Bachelor's degree in Data Science, Computer Science, Engineering, Physics, or a related field.
- Relevant coursework or projects related to data analysis, machine learning, and battery systems.
- Proficiency in programming languages such as Python or MATLAB.
- Experience with data analysis and visualization tools (e.g., Pandas, NumPy, Matplotlib).
- Basic understanding of machine learning algorithms and statistical methods.

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- Ability to collect, clean, and preprocess data from various sources.
- Strong problem-solving skills and the ability to identify patterns and trends in data.
- Basic understanding of battery technologies, especially lithium-ion batteries.
- Familiarity with concepts like State of Charge (SoC) and State of Health (SoH) is a plus.
- Good communication skills to effectively collaborate with team members and stakeholders.
- Ability to document procedures and present findings clearly.
- Internships or project experience in data science or related fields.
- Hands-on experience with real-world data sets and practical applications.

**Eskaintzen dena / Se ofrece:**

- Stable contract.
- Internal training.
- Flexible work schedule.
- Competitive salary package.