



PhD Data Scientist

Workplace: 28906, Getafe

Apply online!

What to expect:

We are looking for a PhD Data Scientist to join a cutting-edge industry-university collaboration project focused on improving industrial manufacturing processes.

Bertrandt's participation will be centered on three key areas:

- Enhancing the quality and reducing uncertainty in certifiable surrogate models.
- Improving safety in industrial environments.
- Developing defect detection and prevention systems in manufacturing.

As part of this project, the selected candidate will be **responsible for:**

- Conducting state-of-the-art research in these areas.
- Collecting and analyzing data from various sources.
- Developing and implementing Machine Learning models.
- Validating models and ensuring their reliability in industrial applications.

What you bring along:

- PhD / Doctorate in Data Science or similar.
- At least 3 years of experience in Data Science.
- Strong programming experience in Python.
- Proficiency in Machine Learning libraries (Scikit-learn, CuML), Deep Learning frameworks (TensorFlow, PyTorch), and Explainable AI tools (SHAP, Lime).
- Knowledge of Git for version control.
- Experience with DVC for data management.
- Familiarity with MLOps frameworks for model deployment (MLflow, Airflow).
- Strong soft skills for collaboration and research.
- Minimum B2 level of English.

We are Bertrandt.

An independent and international development service provider with long years of automotive expertise. With cross-industry know-how and a holistic understanding of systems and products, we create technological solutions at any stage of the product development process. We deal with a focus on hot topics such as digitalization, e-mobility and autonomous systems, mainly for the automotive, aerospace and mechanical engineering sectors, and consistently facilitate the development of tailored solutions in these areas. Our goal: to accelerate technological progress and make a relevant contribution to a sustainable future. We work on this every day – with around 14,000 employees at more than 50 sites worldwide.

What we offer:



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Job



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compensation



Team-oriented
work



Contact:

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