

Advanced Image Analysis and AI – Data Science for Biosciences (BILBAO)

At [BASF Digital Hub Madrid](#) we develop innovative digital solutions for BASF, create new exciting customer experiences and business growth, and drive efficiencies in processes, helping to strengthen BASF's position as the digital leader in the chemical industry. We believe the right path is through creativity, trial and error and great people working and learning together. Become part of our team and develop the future with us - in a global team that embraces diversity and equal opportunities.

What you can expect

As part of an enthusiastic global team of experts, you will provide quantitative decision support to our life sciences research and development activities based on advanced image analysis workflows. In detail, your tasks will range from the image data from scientific experiments to the development of advanced machine learning algorithms for image analysis. You will provide guidance and advice to our research chemists, biologists and agronomists on the use and implementation of modern imaging workflows and their application. This position will be located in Bilbao, in the installations of Tecnalía.

Our main requirements:

- During your degree in Applied Statistics / Data Sciences or Bioinformatics you have gained experience in the analysis of complex structured and unstructured data such as images.
- You master deep learning techniques, classic machine learning and computer vision algorithms to build and deploy image-based decision support algorithms.
- You are fluent in Python and you master deep learning -frameworks such as TensorFlow and/or PyTorch. You work fluently with Gitlab and are using unit-testing and CI-CD pipelines to while developing and deploying your docker-containers.
- Excellent oral and written communication skills in English and preferably German are your means to convey your expertise to our customers.
- In addition to your professional skills, your distinct entrepreneurial and team spirit is persuading.

What's in it for you:

- A secure work environment because your health, safety and wellbeing is always our top priority.
- Flexible work schedule and Home-office options, so that you can balance your working life and private life.
- Learning and development opportunities
- 28 holiday days per year
- A collaborative, trustful and innovative work environment
- Being part of an international team and work in global projects
- Relocation assistance to Bilbao provided

A unique total offer: you@BASF

At BASF you get more than just compensation. Our total offer includes a wide range of elements you need to be your best in every stage of your life. That's what we call you@BASF.

Find out more about [BASF as an employer](#).



For questions and CV, send it to: joana-manuela.sa-paiva-loureiro@basf.com