

# The power of connected minds



## Data Scientist (m/f/d)

We are the world's leading chemical company because we offer intelligent solutions for our customers and for a sustainable future. We connect and develop people with diverse talents all over the world. For you, this means a variety of ways to advance. Not only your performance but also your personality matter to us, without regard to gender, age, origin, sexual orientation, disability or belief. At BASF, careers develop from opportunities.

Ludwigshafen is the world's largest integrated chemical complex and home to BASF Group headquarters. Located in the heart of Europe's Rhine-Neckar metropolitan region, you will find this to be an attractive place for both work and leisure time.

Learn more about BASF SE at <http://on.basf.com/Headquarters>

### What you can expect

From Ludwigshafen, our interdisciplinary team drives the digital transformation across Europe at three sites (Ludwigshafen, Schwarzheide and Antwerp). To this end, we use a broad range of advanced methods drawn from the fields of data science, machine learning, statistics, scientific computing, agile software development and cloud computing, and rely on flat hierarchies.

- o In your role as a highly motivated data scientist, you support digitalization projects from the identification of ideas through initial prototyping up to deployment, and the developed solutions in ongoing operation.
- o Possible areas include model development for simulation and optimization of chemical engineering processes, building intelligent assistance and expert systems as well as using deep learning to automate chemical engineering processes.
- o You work within an interdisciplinary, cross-unit network of experts and cooperate closely with our customers in the fields of production, infrastructure and logistics. Our supercomputer Quiriosity is available to you as needed.
- o Because this position involves a broad range of possible tasks, the areas of focus in your work can be adjusted to reflect your skills and interests.

### What we expect

- o You have a degree in applied mathematics, statistics, natural sciences, computer science or engineering, on which you earned above-average marks.
- o In addition, you have already gained professional experience in fields including working with data and modeling (with statistics, machine learning and/or differential equations) and ideally with the control of dynamic real-world processes.
- o You have solid skills in Python, R, Java or a comparable programming language and experience with skills relating to the development of complex software.
- o Experience with agile methods (scrum, kanban) and DevOps elements (e.g. unit

### Working area:

IT / Information Management

### Location:

BASF SE, Ludwigshafen

### Working hours:

Full-time

### Contract type:

Permanent

### Reference code:

EN58042769\_ONLI\_1

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tests, version control, CI/CD, container virtualization) is a plus.

- o Beyond that, you are in step with the latest digital trends and want to have an impact as well as achieve tangible results that are used directly by customers and partners.
- o To that end, you are willing to familiarize yourself with new topics quickly and with a focus on results.

**We offer**

Responsibility from day one in a challenging work environment and "on-the-job" training as part of a committed team.

- o Compensation: E11 - Job Grade 4.2, according to your qualifications and experience

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