

For our brand new **Digital Hub in Munich** we are looking for you: an **experienced, enthusi-astic Senior Data Scientist**.

## Senior Data Scientist

Oerlikon **innovations** are the foundation of **industrial** solutions to some of the **21st century's** greatest challenges: from **saving lives** to **saving the planet**. Yes, we're that ambitious.



Now imagine the caliber of performance we're pursuing with our digital transformation roadmap.

To achieve **maximum impact**, we're establishing a **Digital Hub in Munich**. And we're recruiting exceptional people to join the founding team.

Top talents who can flex their **entrepreneurial muscles** and conquer complex **mathematical and analytical challenges**.

Professionals who thrive in a **start-up** environment but appreciate **access to decision makers** in an established organization. **Supercharged** performers with original ideas and a clear vision of the **future**.

As a member of our team, you'll make your mark on rapidly evolving technologies such as **materials science** and **additive manufacturing**. On sectors as diverse as aviation, automotive, medicine, energy, and manufacturing. And on a visionary company that wants to integrate **your vision** into its future.

### What projects will you be working on?

- Working on various projects covering applications from additive manufacturing through material science to future smart factory solutions
- Machine learning/big data in large scale installations
- Predictive maintenance
- Critical process data interpretation at molecular level industrial 3-D printing, surface treatment
- Providing advice on projects on the application of statistical methods, multivariate analysis methods and data visualization, meeting requirements of various business units
- Cooperation with top research institutes (e.g. computational rapid alloy development)
- There is also time and space to explore own ideas

Please turn the page to learn about the skills this position requires and how a typical day and tasks would look like for you →



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# Senior Data Scientist

Which skills does this position require?

- Master's degree, PhD or equivalent in Computer Science, Data Science or related field
- Several years of experience in big data/ data analytics, with a focus on the Hadoop Ecosystem (Hortonworks) and scale-out systems, statistics, data mining and machine learning as well as data visualization
- Practical experience in programming or scripting languages such as R, Python and Scala as well as knowledge of big data databases
- Profound knowledge of various analytical tools
- Consulting within data analytics projects on the application of innovative big data approaches from research and practice

What would be some key daily tasks and routines?

- Develop and execute statistical and mathematical solutions to business problems within business units/segments
- Design experiments to answer targeted questions
- Develop new algorithms and mathematical approaches to understand the company's target markets and solve complex business problems such as optimizing product performance, revenue and adoption
- Use analytical rigor and statistical methods to analyze large amounts of data, culling actionable insights using advanced statistical techniques
- Develop and apply predictive statistical models, customer profiling, segmentation analysis, survey design and analysis and data mining
- Prepare and present findings to the management

We offer a highly collaborative, global environment as a technology leader in several key industries. The combination of a startup dynamic in an established, stock market listed corporation ensures exciting personal development programs and long term perspectives for our employees.

English language is the standard language here and German a strong plus.

**Apply directly here** or send your application right now to: [career.digihub@oerlikon.com](mailto:career.digihub@oerlikon.com)



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