



## Datamining @ BMW

At the BMW Group, you will find a diverse and interesting range of tasks with the opportunity to work out solution independently. You will support a highly motivated team in the pre-development of Lithium-Ion-Cells for Battery electric vehicles. We are offering you an internship on the following topic:

### Task

#### Data Analytics in the Production of Lithium-Ion- Battery-Cells.

The production of battery cells is to be regarded as a complex process chain, which is characterized by unknown interactions that lead to quality fluctuations and product defects. The goal is to generate knowledge by selecting suitable methods of data analytics in order to build up product and process expertise. For this purpose you will examine the data in the production of Lithium-Ion-Batteries from a proprietary datalake to discover deeper insights, make predictions, or generate recommendations. Besides, you will develop a information system that supports decision-making activities on the operational level of the production of Lithium-Ion-Batteries. In addition to a steep learning curve, work on a future-oriented and innovative topic area awaits you.

### Qualification and Experience

- Informatics / Software Engineering / Computer Science
- Good R, RShiny, experience in Microsoft Azure desirable
- You are able to work independently and responsibly. You have very good organizational and communication skills. You are a team player, that is characterized by the courage to think outside the box.

### Start

Starting: Can be adapted in consultation , Full-Time (6 months).

### Contact

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