



## Internship / Thesis in the field of Lithium-Ion-Batteries

At the BMW Group, you will find a diverse and interesting range of tasks with the opportunity to work out solution proposals 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 or Master Thesis on the following topics:

### 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, the data of the BMW prototype production as well as data of other research institutions are to be evaluated.

The topic can be specified in consultation with the supervising university.

### Qualification and Experience

- Technical study, e.g. Informatics / Software Engineering / Computer Science
- Good R, VBA, SQL, 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** April-July: The beginning can be adjusted in consultation with you. Full-Time (6 months).

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