

**Position Title:** Business Intelligence and Data Mining  
**Position No:** 2017-18/AU01

## About us:

Amadeus provides the technology which keeps the travel sector moving – from initial search to making a booking, from pricing to ticketing, from managing reservations to managing check-in and departure processes.

Amadeus Germany is located in the town of Bad Homburg connected to the Frankfurt public transportation system. Of the 550 employees located at this office, around 150 are in the Research & Development department.

## About the position:

Collaborate in a team of two or three Data Scientist experts (Development and Product Definition) and help build up a new business unit.

The main activities will include:

- Support with ideas and identify business needs and best-practices in Leisure/Rail Travel Intelligence (BI)
- Specify and develop ideas to extract/create knowledge from various data sources sometimes incorporating massive amounts of data
- Specify and design features and enhancements for provider decisions, travel agents and portal customer support
- Support in designing and implementing BI models and software prototypes in the leisure and rail industry
- Support in designing, implementing and testing tools related to data analysis
- Contribute to and present projects and solutions to technical stakeholders
- Assist in the industrialization of software prototypes

## About you:

Necessary skills:

- Good knowledge of Java
- Good analytical skills

An advantage would be the knowledge of analysis tools such as R, Matlab, or relational databases and SQL, Scripting languages like Python or PHP. Hadoop or similar knowledge will be an additional plus.

You must be on a degree scheme that requires a compulsory industrial year.

## Your application:

As part of your application, please include your CV and a cover letter as PDF, quoting the position number. You should address your application to Kristian Schuhmacher. Email your completed application to [iy-at-fra@de.amadeus.com](mailto:iy-at-fra@de.amadeus.com) with the subject "Application 2017-18/AUxx" (where xx is the last two numbers in the position number).

## Have questions?

For more information about any of these positions, please contact Kristian Schuhmacher directly:

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