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## Details

- Published January 20, 2015
- Field of expertise Analytics, Analytics
- Location Amsterdam, Netherlands

Would you like to translate terabytes of data into unforgettable holidays for millions of people around the globe? Booking.com, the world's largest accommodation booking website, is looking for rock star Data Scientists to add to join our highly successful Personalization Team within the Front End department.

This product development team crunches endless amounts of data to provide our customers with the best possible experience. They focus on anything from understanding and predicting market data, to ranking all properties on our website, and providing our customers with the most relevant personalized recommendations.

As a Data Scientist you'll work side by side with Developers, Designers and Product Owners, and take full ownership of your work - from the initial idea-generation phase to the implementation of the final product on our website. Our ideal candidate is result-focused, innovative and has solid quantitative background and a good business understanding.

### **B.responsible**

- Work in a multi-disciplined team where you'll take full ownership of turning discoveries and ideas into machine learning models. You'll use the model's output to create and improve products for our customers, preferably in short development cycles
- Research & Development on how to improve customers' experience, by using our vast amount of data
- Actively contribute to taking Data Science at Booking.com to the next level

### **B.skilled**

- Minimum of 3 years of experience in a similar role
- Masters, PhD, or equivalent experience in a quantitative field (Computer Science, Mathematics, Engineering, Artificial Intelligence, etc.)
- Excellent English communication skills; the ability to convey your message to team members and other stakeholders
- Prior experience with a few of the following models: Logistic Regression, Linear Regression, Support Vector Machines, (Deep) Neural Networks, Hidden Markov Models, Conditional Random Fields and/or Latent Dirichlet Allocation

*The following technical skills are a must:*

- Experience with at least one scripting language, e.g. R, Octave, and one programming language, e.g. Python, Perl, C/C++, Java
- Exposure to SQL and relational databases

*The following technical skills are nice to have;*

- Experience implementing a real-world Recommender or Ranking system
- Worked with the Hadoop Ecosystem
- Implemented multi-core/distributed software, preferably in a Linux environment

**B.offered**

We are a performance-based company that offers career advancement and lucrative compensation, including bonuses and stock potential. We also offer what we call the “Booking Deal” with other competitive perks and benefits. IT has monthly hackathons, trainings and attends/speaks at global conferences.

This position is open to worldwide candidates and in the case of relocation, we will assist you with a generous relocation package, ensuring a smooth transition to working and living in Amsterdam. We have successfully relocated 200+ IT professionals to Amsterdam in the last year!

Booking.com BV, part of the Priceline Group (NASDAQ: PCLN), is the global market leader in online hotel reservations. Established in 1996, [www.booking.com](https://www.booking.com) is available in 42 languages, offers more than 500,000 hotels and accommodations in 200 countries, features 27+ million reviews written by guests after their stay, and attracts online visitors from both leisure and business markets around the globe. The Booking.com group has over 8,500 dedicated employees in 120+ offices and offers a dynamic work environment with a culture that is open, innovative and performance oriented. We believe our people and their passion is what makes us successful.

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