Data Science Intern,

5-month minimum
Paris, France.

Our Data Science team in Paris works at developing new Machine Learning algorithms for acquiring audiences and maximizing advertisers' revenue.

Given the massive volume of information we have, traditional data processing methods are of limited help. This complexity calls for new technologies to efficiently analyse large sets of data and determine the statistical models that could most accurately predict the performance of our online marketing campaigns. The development of such technology is closely related to several fields of study:

- Machine Learning modelling and Statistical simulation
- Behavioural analysis and performance prediction
- Data Management
- Data Analytics

Rakuten Marketing is looking for a **Data Science Intern (for a minimum of 5 months)** to join its teams in Paris.

Responsibilities:

- Explore new Machine Learning methods to improve our prediction and real-time bidding pricing models.
- Mine our navigation and advertising datasets and perform sophisticated statistical analysis to identify new relevant indicators and business trends.
- Build predictive models to improve the advertising campaigns performance.
- Cross-collaborate with engineers on building statistical models, applying Machine Learning techniques for targeted solutions and effectively communicating the analysis and findings through interactive visualizations, documents and presentations.
- Write detailed and precise documentation of your work.

Qualification:

- Last year student from a Scientific or Engineering School or a Master's program in Machine Learning, Statistics, Mathematics or Applied Mathematics.

- Interest in e-commerce and new technologies.
- Experience in using Machine Learning methods and in statistical computing and modelling.
- Experience with a statistical tool adapted to big data analysis and Machine Learning, such as Python, R or Matlab.
- Knowledge of SQL or Java and Computer Science skills are a plus.
- Strong mathematical skills.
- Very good English skills.

Benefits

- Health Insurance covered at 100% and lunch vouchers
- Forward-thinking adtech company
- Open-plan office, fostering a culture of collaboration
- Subsidised weekly drinks and healthy (or not) snacks
- Breakout area with table football, an Xbox and other entertainment
- Frequent social events
- Annual company trip: last one was a ski trip in Les Arcs 1950
- Strong intercultural work environment

About Rakuten Marketing: Rakuten Marketing is the global leader in integrated online marketing solutions. With 16 offices around the world, our integrated marketing solutions span affiliate, display and search. Headquartered in San Mateo, CA, we have offices throughout the United States and in Australia, Brazil, Japan, Singapore, the United Kingdom, Germany and France. Rakuten Marketing empowers marketers to transcend the conventional and achieve the full potential of digital marketing. We deliver data-driven personalized ad experiences that engage consumers – across screens, platforms and traditional publishers – and influence them to purchase. Our commitment to transparency provides consumer journey insights that allow us to continually optimize for performance.

Rakuten Global: Rakuten Group is one of the world's leading internet service companies, providing a variety of consumer and business-focused services including e-commerce, e-reading, travel, banking, securities, credit card, e-money, portal and media, online marketing and professional sports. Rakuten is expanding globally and currently has operations throughout Asia, Western Europe and the Americas. Founded in 1997, Rakuten is headquartered in Tokyo, with over 10,000 employees and partner staff worldwide. To learn more, we invite you to visit our global home.