



Product Data Scientist - Analytics

PARIS, FRANCE PRODUCT PERMANENT

Who we are

At Criteo, we connect 1.5 billion active shoppers with the things they need and love. Our technology takes an algorithmic approach to predict what user we show an ad to, when, and for what products. Our dataset is about 50 petabytes in Hadoop (more than 120 TB extra per day) and we take less than 10ms to respond to an ad request. This is truly big data and machine learning without the buzzwords. If scale and complexity excite you, join us.

Why work for us?

We are innovative, passionate and result-driven. We are an interdisciplinary team, leveraging the strengths of engineers and scientists.

The Data Science & Product Analytics team uses cutting edge technology, advanced statistics and machine learning to understand the most complex business problems at Criteo. We are committed to designing and building technical solutions to drive Criteo's development and keep-up with a fast evolving product landscape.

We serve as trusted partners to leadership and work closely with PMs, R&D, Finance or Business teams.

Inside Data Science & Product Analytics:

The topics we tackle are wide and always evolving!

- Find new ways to optimize the bidding strategy
- Optimize our capability to recognize users across all their devices and their interactions in the open-internet
- Define, drive and analyze results of A/B tests to assess whether online performance is in line with offline simulations
- Provide data-driven insights to ensure Criteo remains one step ahead of competitive threats

- Identify and size development opportunities of new products

What will you be doing ?

You enjoy solving real-world problems with data. Our business is built on a quantitative culture. You will be assigned to one or several projects. Overall, your responsibilities include:

- Build scalable analytic solutions using state of the art tools based on large and granular datasets
- Develop models and conduct statistical/machine learning analysis to measure the impact of your solutions
- Design, conduct and measure experiments (AB test)
- Identify and quantify opportunities for optimizations and product development
- Transform business problems into actionable insights

Who are you?

- Master's degree or higher in a quantitative field (Mathematics, Computer Science, Physics, Engineering, Economics, etc.)
- Outstanding analytical skills and creative thinking
- Fluency in the core toolkit of Data Science:
 - o R/Python; SQL/Hive
 - o Manipulating large-scale data sets
 - o Building data pipelines
 - o Descriptive and predictive modeling
 - o Implementing visualizations, dashboards, and reports
- Excellent interpersonal and communication skills, pro-active and independent
- Fun to work with !

Our Director of [#Analytics](#) and [#datascience](#) Charles-Henri unveil what's behind in term of missions, activities, tools, and scientific foundations on our [#techblog](#).

https://medium.com/criteo-labs/product-analytics-or-data-science-ce401b9140bd?source=friends_link&sk=05d292d6d437d7eddf3e6da5f4d43bcc

At Criteo, we dare to be different. We believe that diversity fuels innovation and creates an energy that can be seen and felt all over Criteo. We champion different perspectives and are committed to creating a workplace where all Criteos are heard, feel a sense of belonging, and are treated with respect and dignity.

Criteo collects your personal data for the purposes of managing Criteo's recruitment related activities. Consequently, Criteo may use your personal data in relation to the evaluation and selection of applicants. Your information will be accessible to the different Criteo entities across the world. By clicking the "Apply" button you expressly give your consent.

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