Data Scientist, Search Ads

Qualifications

Minimum qualifications:

- PhD in a quantitative discipline or equivalent practical experience.
- Experience with statistical software (e.g., R, Python, Matlab) and database languages (e.g., SQL)"
- Experience working with data to draw conclusions and recommend actions.

Preferred qualifications:

- Portfolio or record of publications.
- Experience articulating and translating business questions and using statistical techniques to arrive at an answer using available data.
- Demonstrated leadership and self-direction, and ability to both teach others and learn new techniques.
- Demonstrated skills in selecting the right statistical tools given a data analysis problem.
- Effective written and verbal communication skills.

About the job

⌄

At Google, data drives all of our decision-making. Quantitative Analysts work all across the organization to help shape Google's business and technical strategies by processing, analyzing and interpreting huge data sets. Using analytical rigor and statistical methods, you mine through data to identify opportunities for Google and our clients to operate more efficiently, from enhancing advertising efficacy to network infrastructure optimization to studying user behavior. As an analyst, you do more than just crunch the numbers. You work with Engineers, Product Managers, Sales Associates and Marketing teams to adjust Google's practices according to your findings. Identifying the problem is only half the job; you also figure out the solution.

As a Data Scientist in Search Ads you'll be working with analysts and software engineers on the core algorithms that serve our users. You'll design complex experiments to understand the effects of changes to our systems, analyze those experiments, and recommend actions. You'll also work on advancing the statistical methods that we use for the analysis of our products. You'll be the first to discover what works and what doesn't, shaping the direction of future projects for the team. You'll be working with colleagues who share a passion for data analysis while diving into some of the biggest technical challenges Google has to offer.

Google is and always will be an engineering company. We hire people with a broad set of technical skills who are ready to take on some of technology's greatest challenges and make an impact on millions, if not billions, of users. At Google, engineers not only revolutionize search, they routinely work on massive scalability and storage solutions, large-scale applications and entirely new platforms for developers around the world. From Google Ads to Chrome, Android to YouTube, Social to Local, Google engineers are changing the world one technological achievement after another.

Responsibilities

⌄

- Contribute analytical expertise from a variety of backgrounds, such as statistics, operations research, math, economics, or other quantitative training.
- Demonstrate excellent quantitative orientation, apply critical thinking to data, and formulate business problems in mathematical terms.