# Research Scientist - San Francisco

* San Francisco
* Science

At Lyft, community is what we are and it’s what we do. It’s what makes us different. To create the best ride for all, we start in our own community by creating an open, inclusive, and diverse organization where all team members are recognized for what they bring.

Lyft’s Research Science Team builds mathematical models underpinning the platform’s core services. Compared to other technology companies of a similar size, the set of problems that we tackle is incredibly diverse. They cut across optimization, prediction, modeling, inference, transportation, and mapping. We are hiring motivated experts in each of these fields. The ideal candidate is a critical thinker, is passionate about solving mathematical problems with data, and is excited about working in a fast-paced, innovative and collegial environment.

# **Responsibilities:**

* Work with Engineers, Product Managers, and Business Partners to frame problems, both mathematically and within the business context.
* Perform exploratory data analysis to gain a deeper understanding of the problem
* Construct and fit statistical, machine learning, or optimization models
* Write production modeling code; collaborate with Software Engineers to implement algorithms in production
* Design and run both simulated and live traffic experiments
* Analyze experimental and observational data; communicate findings; facilitate launch decisions

# **Experience & Skills:**

* M.S. or Ph.D. in Statistics, Operations Research, Mathematics, Computer Science, or other quantitative fields
* 4+ years professional experience
* Passion for solving unstructured and non-standard mathematical problems
* End-to-end experience with data, including querying, aggregation, analysis, and visualization
* Proficiency with Python, or another interpreted programming language like R or Matlab
* Willingness to collaborate and communicate with others to solve a problem

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