

**Job Title:** Data Scientist

**Location:** Chicago, IL

**Terms of Assignment:** Full-time

**Job Summary:**

The University of Chicago Crime & Education Labs team is seeking a data scientist to work on our portfolio of projects applying machine learning to public policy, particularly in the area of improving policing and police- community relations. We're seeking a smart, motivated, and detail-oriented person to work on all parts of a project – all the way from cleaning and structuring raw data to developing predictive models and evaluating them in a randomized control trial.

The position offers the opportunity to work directly with leading researchers at the University of Chicago and policy-makers on a project that will have immediate real-world impact. You will collaborate closely with PhD-level computer science and economics researchers, as well as top-notch research managers and Crime Lab leadership. This position is particularly well-suited for candidates who may be interested in pursuing a PhD in the future or for data scientists who want to transition from industry to public policy research.

**Responsibilities:**

- Contributes to the design and implementation of an efficient and reproducible data processing pipeline.
- Builds and rigorously evaluates statistical models using best practices of machine learning and statistical inference.
- Prepares project memos, summaries, presentations, reports, and other work products for dissemination targeting both policymakers, academic researchers, and other stakeholders, as needed.

**Competencies:**

- Advanced knowledge of computer science techniques.
- Strong interpersonal skills required.
- Strong initiative and a resourceful approach to problem solving and learning required.
- Ability to work independently and as part of a team in a fast-paced environment required.
- Sound critical thinking skills required.
- Strong attention to detail with superb analytical and organization skills required.
- Excellent written and verbal communication skills, with the ability to present data in a simple and straightforward way for non-technical audiences required.

**Education, Experience, and Certifications:**

- Bachelor's or master's degree in computer science, statistics, data science, economics or a closely related field required;

**Technical Knowledge or Skills:**

- Proficiency with statistical data analysis and machine learning using Python or R is required. The ability to work in both is preferred.

**To Apply:** Submit resume, cover letter, optional code sample, and optional transcript to UChicago's Workday system. Search for requisition number **JR08154**. NOTE: When applying, all required documents **MUST** be uploaded under the Resume/CV section of the application. Please be advised that this job announcement is formatted differently on the University of Chicago "Workday" Job Board.

If you have an active UChicago Workday employee account, you will need to complete the Internal Candidate application process. Internal Candidate instructions: Log into Workday and select the career worklet.

External Candidates should apply to the position at <https://uchicago.wd5.myworkdayjobs.com/en-US/External>

If you have questions about the Workday application system, please contact: [https://uchicago.service-now.com/sso?id=ssc\\_sc\\_cat\\_item&sys\\_id=cf359d671316660030c0bcaf3244b02d](https://uchicago.service-now.com/sso?id=ssc_sc_cat_item&sys_id=cf359d671316660030c0bcaf3244b02d).

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Staff Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-5800 or submit a request via Applicant Inquiry Form.