

MTA Data & Analytics Intern Program  
Data Science Associate  
Email to apply: [MTADA\\_Applications@MTAHQ.ORG](mailto:MTADA_Applications@MTAHQ.ORG)

The MTA Data & Analytics team is seeking students to serve as Data Science Associates in our intern program. Our team assembles, transforms, and manages large data sources to support better decision-making in service delivery, infrastructure maintenance, financial and administrative management, and all other business activities at the MTA. Data Scientists work closely with data and process owners as well as MTA leadership to build analytic products using programming expertise in Python, SQL, or R. They work with the team's Data Engineers, which design and build pipelines, and the Reporting group, which delivers reporting products to clients.

The key functions of the Data Science Associate are as follows:

- Write code to clean, combine and transform data generated from business operations
- Design and document algorithmic process to carry out data transformations
- Incorporate quality checks in data processes to ensure sustainable accuracy
- Update existing data processes to manage input changes and new business priorities
- Other tasks as assigned to achieve the goals of the team

All candidates must have:

- Strong data analytic skills, understanding of analytical methods (e.g., probability and statistics, algorithm design), and advanced abilities in Excel
- Experience coding, documenting processes, and performing data quality checks
- Experience in performance reporting and with business intelligence tools like Power BI
- Knowledge of and preferably some experience in data engineering
- Excellent written and oral communication skills
- Familiarity with transit/transportation systems and the MTA organization and functions can be helpful but is not necessary and can be learned as needed

Useful program information and requirements for applicants to know:

- Data & Analytics interns are an integral part of our team, responsible for project tasks as assigned and included in all team activities as schedules allow.
- Most interns are current or recent graduate or doctoral students in Computer Science, Data Science, Transportation, Urban Science and Informatics, Economics, Statistics, or similar.
- We do hire undergraduates with the right skills and training.
- All MTA employees work in the office, which we believe supports higher performance in problem solving, productivity, communications, and mentoring. Each employee can work from home one day per week if project needs allow. Our office is in Lower Manhattan.
- Interns are paid a pre-determined hourly rate.
- Spring and Fall interns commit to weekly schedules between 20 and 28 hours. Summer and winter break interns work 35 hours per week. Time off for exams and breaks, as needed.
- Fall internships run September to December, Spring January to May, Summer June to August and Winter breaks between the fall and spring periods.
- Documentation of citizenship, permanent residence, or work authorization required. Offer letters provided for international students to complete work authorization applications.

**Interested applicants should email their resume to [MTADA\\_Applications@MTAHQ.ORG](mailto:MTADA_Applications@MTAHQ.ORG) with the subject line "Data Science Associate Intern".**