

CAREER OPPORTUNITIES FOR Analytic Developer Associate

Mathematica Policy Research is dedicated to improving public well-being by bringing the highest standards of quality, objectivity, and excellence to bear on information and analysis for our partners and clients. The company has been at the forefront of design and assessment of public policies and programs since 1968. Our data analytics have yielded actionable information to guide decisions in wide-ranging policy areas, from health, education, early childhood, and family support to nutrition, employment, disability, and international development. Come join our vibrant and growing data analytics group, and make important contributions to improving the design and operations of key public programs.

Mathematica seeks an Analytic Developer Associate to assist and support senior staff on ensuring effective implementation of data processing systems, including assisting in developing data documentation, monitoring and testing data quality, performing data management, performing statistical analysis of data, programming data cleaning and web-based data visualizations and resolving system data problems.

Position Responsibilities:

- Assists in analyzing data quality and integrity using packaged programs such as SAS, R, Python and STATA, including running basic statistics frequencies
- Develops or adapts systems to clean, analyze, and share data
- Works closely with a variety of programmers and researchers to evaluate and check the reliability of various types of data
- Builds and maintains system to automate unit testing of internal data and client deliverables such as figures, graphs, tables, and reports
- Utilizes a variety of software tools and programming languages including SQL, SAS, Stata, R, JavaScript and C#
- Participates in technical meetings, answers questions, and troubleshoots day-to-day issues related to data requirements and data quality
- Documents, communicates, tracks, and verifies satisfactory resolution of identified data problems
- Responds to specifications and conducts database queries/investigations of data stored in Oracle, Extensible Markup Language (XML), Access or other format
- Prepares data query reports in a visually appealing manner using a variety of software packages, such as Oracle, SQLServer, SAS or R
- Assists in developing, updating, and reviewing data documentation, including data element requirements, business rules, data formatting specifications, data interface requirements, and data deliverables for data processing systems
- Prepares memos evaluating operational components of projects, outlining problems, options, and solutions for action by senior staff or client agencies

Qualifications Include:

- Bachelor's degree in economics, math, statistics, operations research, business administration, public administration, computer science, or other field relevant to data analysis
- Technical proficiency and interest as demonstrated through academic, work-related or personal programming efforts related to web site design, data visualization and/or data analysis
- Basic understanding of mathematics and statistics with experience in the manipulation and statistical analysis of data
- Experience with statistical analysis packages or computer languages such as SAS, R, Python, Stata, or Excel
- Willingness and ability to learn and thrive in an environment that involves responsibility for time-sensitive/deadline-driven deliverables
- Willingness to work full or part-time on-site at client location

To apply, please submit a cover letter, resume, transcripts (unofficial are OK), writing sample and contact information for three references via our online employment web-site at (COPY AND PASTE URL INTO WEB BROWSER): <http://careers.mathematica-mpr.com/princeton,-nj/data-analytics/jobid7875199-analytic-developer-associate-jobs>

***Improving public well-being
through objective research.***

MATHEMATICA
Policy Research

www.mathematica-mpr.com

Mathematica, Inc., is an equal opportunity/affirmative action employer. In keeping with our commitment, we strongly encourage women, minorities, veterans, and people with disabilities to apply.



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HOW TO APPLY

(1) Visit Mathematica's career opportunities website at <http://www.mathematica-mpr.com/Employment/>

(2) Select the "Career Opportunities" link from the left navigation menu, then follow the directions to search available positions by position title, location(s), and/ or functional area(s). Next select "Search".

(3) When a position of interest is selected, click "Apply Now" and begin creating your application.

- A resume will be a required document that must be attached to complete the online application process.

- Many of our positions require additional supporting documents (e.g. transcripts, writing samples, references, or letters of recommendation). Please review the posting carefully to determine what supporting documents are required for the position to which you would like to apply.

- There is a maximum file size of 2000 KB for any file uploaded to Mathematica's online application system.

- Transcripts can be unofficial.

(4) You can review the status of your application by logging into the system with the unique user name and password created during the application process.

General questions: Inquiries about working at MPR, employment, positions, and the online application system should be sent to the HR mailbox at HumanResources@mathematica-mpr.com.

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

As an equal opportunity-affirmative action employer we strongly encourage applicants of all racial, ethnic, and cultural groups.