



Data Analyst or Data Engineer

Office of Court Operations

Wisconsin Court System

The Wisconsin Court System has an exciting opportunity for a skilled and experienced data professional. Under the supervision of the Manager of Court Data and Analytics, the Data Analyst or Data Engineer will focus on building and maintaining the Circuit Court Data Warehouse using advanced extraction, transformation, and loading (ETL) software, as well as applying data visualization and business intelligence tools to allow analysts and policy-makers reliable access to circuit court data and information. This position may also be involved in the preparation and development of high-level analyses including machine learning.

LOCATION: Madison, Wisconsin. Options regarding remote work may be discussed during the interview process. Employees residing outside the state of Wisconsin are not eligible for full-time remote work.

SALARY: Data Analyst (\$62,538-\$84,419), or Data Engineer (\$78,178-\$105,531) annually, with a State of Wisconsin benefits package. Title and salary will be determined based on the candidate's qualifications and experience.

Responsibilities:

1.) Creating ad hoc and recurring data reports for court system leadership to support policy development and decision-making. 2.) Working independently to monitor and maintain an established data warehouse ecosystem and troubleshoot as needed. 3.) Managing Linux-based ETL applications and serving as the Tableau server administrator. 4.) Identifying and addressing data quality issues in dashboards, operational data stores, and other disparate data sources. 5.) Leveraging advanced RDBMS and SQL to understand and analyze complex data schemas, and creating clear and comprehensive documentation for all work products.

Minimum Qualifications:

1.) Bachelor's Degree in Computer Science, Information Technology, or a related field. 2.) At least three years of data analysis experience. 3.) Experience creating data visualizations, reports, dashboards, and other analytical solutions using Tableau, pivot tables, or other data visualization tools. 4.) Experience managing and transforming large data sets with advanced SQL queries. 5.) Knowledge of programming languages such as Python, Bash scripts, and embedded RDBMS procedures/functions. 6.) Experience with database management, including automated report generation and job scheduling tools. 7.) Experience managing Linux-based ETL applications and programs.

Preferred Qualifications:

1.) Graduate degree or certification in Computer Science, Information Technology, or equivalent experience. 2.) Two years of data engineering experience. 3.) Experience using ETL software. 4.) The ability to conduct statistical data analysis, including regression and other machine learning algorithms, using Python or R.

SPECIAL REQUIREMENTS:

1.) Employment will require a criminal background check. 2.) Must meet the minimum standards for driving a state vehicle.

TO APPLY:

Please submit a cover letter and resume in a single .pdf document indicating the position **#24-2429 - Data Analyst/Data Engineer** to human.resources@wicourts.gov. All materials should address your relevant education, experience, and skills as they relate to the responsibilities and qualifications listed above.

DEADLINE:

The deadline to apply is July 5, 2024. The Wisconsin Court System will provide reasonable accommodations to qualified applicants when requested. For additional information on the court system, visit our website at www.wicourts.gov.

Upon request, all prospective employees can obtain a copy of the Equal Employment Opportunity Utilization Report.

EQUAL OPPORTUNITY and E-VERIFY EMPLOYER