



**Job Class: Information Technology Spec. 4 – Job Posting JR0000003689**

## **Working Title: Data Extraction Analyst**

**Who May Apply:** Open to all qualified job seekers

**Date Posted:** 11/24/2025

**Closing Date:** 12/08/2025

**Hiring Agency/Seniority Unit:** Minnesota State - System Office

**Division/Unit:** Information Technology

**Appointment Type:** Unlimited, Full-time

**Work Shift/Work Hours:** Day Shift

**Days of Work:** Monday - Friday

**Travel Required:** No

**Salary Range:** \$37.07 – \$61.14/hourly; \$77,402 - \$127,660/annually

**Classified Status:** Classified

**Bargaining Unit/Union:** 214: Minnesota Association of Professional Employees

**FLSA Status:** Nonexempt

[Connect 700 Program Eligible](#): Yes

### **Job Summary**

Telework availability and options will be negotiated at time of hire.

The Data Extraction Analyst is responsible for designing, developing, and maintaining efficient and reliable data extraction process to support business intelligence, reporting, and analytics needs. This role ensures that data is retrieved, transformed, and made available in a structured and accessible manner for decision-making. The Data Extraction Analyst collaborates with stakeholders across the organization to understand data needs, optimize data workflows, and ensure compliance with data governance, security, and privacy policies. This position plays a key role in improving data quality, accessibility, and operational efficiency within the organization.

## Minimum Qualifications

Resume must reflect all minimum qualifications. Please enter your experience in chronological order, including the month and year of employment.

- Five (5) years of hands-on experience in data extraction, ETL/ELT development, and database management utilizing tools such as Dataflows Gen2, Data Pipelines, Azure Data Factory, ODI, GoldenGate, SQL Developer Data Modeler, Snowpipe or similar in managing extractions and transformations across OneLake, enabling unified orchestration of data from multiple cloud and on-prem systems. A Bachelor's degree in computer science, data science, business intelligence or related field can substitute for one year of experience
- Advanced SQL (T-SQL, PL/SQL, Snowflake SQL) expertise, with hands-on experience tuning queries and optimizing warehouse performance across Microsoft Fabric, Oracle ADW, or Snowflake to achieve high-throughput, low-latency extractions and transformations.
- Hands-on experience in Python, PowerShell or Bash scripting to automate and optimize extraction workflows, integrate with CI/CD pipelines, and eliminate manual processing.
- Demonstrated ability to work cooperatively and collaboratively on large/complex system deployment projects in a team environment, including a strong understanding of distributed data architectures.
- Proven ability to project manage and deliver complex data integration and extraction projects end-to-end, aligning cross-platform technical work and providing clear status reporting to leadership.

## Preferred Qualifications

- Working toward certification in Microsoft Fabric, Oracle Data Management, or Snowflake.
- Familiarity with DevOps practices and automation.
- Experience in higher education data environments.
- Understanding of machine learning models and how structured data supports advanced analytics.

## Additional Requirements

The successful candidate must submit to a background investigation prior to employment.

The background check may consist of the following components:

- SEMA4 Records Check (applies to current and past employees only)
- Employment Reference Check
- Social Security and Address Verification
- Education Verification

In accordance with the Minnesota State Colleges & Universities (Minnesota State) Vehicle Fleet Safety Program, employees driving on college/university business who use a rental or state vehicle shall be required to conform to Minnesota State's Vehicle use criteria and consent to Motor Vehicle Records check.

## Other Information:

Employment information for this position can be found in its collective bargaining agreement or its plan document at <https://www.minnstate.edu/system/working/relations.html>

## Why Work for Us

At Minnesota State we promote the ability for our employees to move within the Minnesota State system of Colleges and Universities, located throughout the State of MN. To learn more, please visit our web page: [Working at Minnesota State!](#)

At Minnesota State, we have a GREAT BENEFITS PACKAGE! Our generous benefits include 11 paid Holidays, Vacation Time, Sick Time, six weeks of Paid Parental Leave, low cost medical (\$38.50 per month single and \$262.66 per month family) and dental insurance with low deductibles (\$400 - \$800), a Pension Plan, 457(b) and 403(b) retirement plans and other retirement investment options, pre-tax medical and dental expense (with rollover option) and dependent care accounts, employer paid life insurance, short and long term disability, as well as professional development and a tuition waiver program for employees and their dependents, etc. We promote the health and well-being of our employees and take work/life balance seriously.

## How to Apply

External Applicants:

Applicants not currently employed by Minnesota State can access the job posting and apply through: [https://minnstate.wd1.myworkdayjobs.com/Minnesota\\_State\\_Careers/job/St-Paul/Information-Technology-Spec-4---Data-Extraction-Analyst\\_JR0000003689-1](https://minnstate.wd1.myworkdayjobs.com/Minnesota_State_Careers/job/St-Paul/Information-Technology-Spec-4---Data-Extraction-Analyst_JR0000003689-1).

Internal Applicants: All current Minnesota State employees will need to log in to [Workday](#) to apply for this position. Employee should search for "**Browse Jobs – Employee**" in Workday via the search bar at the top to view the opening.

## Contact

Shane Moore

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## Equal Employment Opportunity

Minnesota State Colleges and Universities is an Equal Opportunity employer/educator committed to the principles of diversity. We prohibit discrimination against qualified individuals

based on their race, sex, color, creed, religion, age, national origin, disability, protected veteran status, marital status, status with regard to public assistance, sexual orientation, gender identity, gender expression, or membership in a local commission as defined by law. As an affirmative action employer, we actively seek and encourage applications from women, minorities, persons with disabilities, and individuals with protected veteran status. Reasonable accommodations will be made to all qualified applicants with disabilities. If you are an individual with a disability who needs assistance or cannot access the online job application system, please contact the job information line at 651.259.3637 or email <mailto:careers@state.mn.us>. Please indicate what assistance is needed.

*Minnesota State is an affirmative action, equal opportunity employer, and educator.*