

Data Analyst

At Freeborn Mower Electric Cooperative we don't just serve members – we serve neighbors. That means every data point represents a home, a farm, or a business that depends on us. We're looking for a Data Analyst who can bring clarity to that data, uncover insights that matter, and help us continue delivering reliable, efficient service to the communities we call home.

The Data Analyst is responsible for collecting, analyzing, and translating data from across cooperative systems into meaningful insights. This position supports operations, finance, engineering, and member services through reporting, dashboard, and trend analysis – helping drive efficiency, reliability and informed decision-making.

This is a non-union, non-exempt, full-time position with a 40-hour minimum work week. Some travel may be occasionally required. A detailed job description can be found below.

Pay range and benefits offerings include:

- Starting pay range \$34.00 - \$40.00/ per hour
- Paid vacation and sick leave
- 8 holidays per year
- Medical, prescription drug, dental, life insurance and long-term disability plans
- Retirement plan
- Health Saving Account and tax-free expense account for dependent care
- Resources that provide support and promote physical, emotional, social and financial well-being



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Interested parties should complete the application form found on this page and submit or mail, along with a current résumé to:

Freeborn Mower Electric Cooperative
Attn: Human Resources
PO Box 611, Albert Lea, MN 56007

DEADLINE TO APPLY: 3:30 pm, Friday, June 19, 2026

Freeborn Mower Electric Cooperative is an equal opportunity provider and employer.

POSITION TITLE: DATA ANALYST

Objectives

The Data Analyst plays a key role in transforming operational, financial, and member-related data into actionable insights. This position supports departments across the cooperative – including engineering, operations, finance, and member services – by developing dashboards, analyzing trends, and helping optimize processes that improve reliability, efficiency, and member satisfaction.

This is an in-office role with limited opportunity for remote work.

Reports to: GIS Services Supervisor

Responsibilities

These examples illustrate the various types of work performed in this position. The omission of specific duties does not exclude them if the work is similar, related, or a logical assignment to the position.

Meter Data & Analytics

- Serve as the primary analyst for Advanced Metering Infrastructure (AMI) data, ensuring accuracy, completeness, and timely availability of meter readings.
- Monitor and troubleshoot meter data anomalies, communication gaps, and usage irregularities in coordination with engineering, operations, and member services.
- Develop insights from meter data to support load analysis, outage verification, energy theft detection, billing accuracy, and member engagement programs.
- Maintain and improve processes for validating, storing, and integrating meter data across cooperative systems.

Data Management & Analysis

- Collect, clean, validate, and maintain datasets from multiple systems (e.g., AMI, OMS, GIS, CIS).
- Analyze operational data to identify trends related to outages, load patterns, system performance, and member behavior.
- Support forecasting efforts for load, energy sales, and budget planning.
- Conduct ad-hoc analyses to support strategic initiatives and operational improvements.

Reporting & Visualization

- Build and maintain dashboards and reports using tools such as Power BI, or similar platforms.
- Present findings to leadership and cross-functional teams in clear, accessible formats.
- Automate recurring reports to improve efficiency and accuracy.

Cross-Functional Collaboration

- Work closely with engineering and operations teams to support grid modernization, reliability analysis, and asset management.
- Partner with member services to analyze billing trends, payment behavior, and program participation.
- Assist IT and cybersecurity teams in ensuring data integrity and secure data practices.

Process Improvement

- Identify opportunities to streamline workflows and enhance data-driven decision-making.
- Recommend improvements to data collection, storage, and governance practices.
- Support the cooperative's digital transformation and technology initiatives.

Position Requirements

Education and Experience

- Associate's degree in Data Analytics, Geographic Information Science, Statistics, Computer Science, Engineering, Business Analytics, or related fields. Bachelor's degree preferred.
- Experience in the utility or energy sector, especially rural electric cooperatives, is preferred.

Abilities and Skills

- Strong skills in data visualization tools (Power BI or similar).
- Experience with Excel, including advanced functions.
- Ability to translate complex data into clear insights for non-technical audiences.
- Strong analytical thinking, attention to detail, and problem-solving abilities.
- Familiarity with systems such as AMI, OMS, GIS, or CIS is preferred.
- Knowledge of Python and R for advanced analytics is preferred.
- Understanding of demand forecasting, reliability metrics, or asset management analytics.
- Curious, proactive, and eager to explore new ways to use data.
- Comfortable working independently and collaboratively.

- Strong communication skills and a service-oriented mindset.
- Commitment to the cooperative principles and mission.

Physical Characteristics

Must be able to perform the essential functions of this position with or without reasonable accommodation and must maintain a professional and well-groomed appearance.

FLSA Status

This position is non-exempt under the Fair Labor Standards Act (FLSA). This non-union position is full-time with a minimum of 40 hours per week. Daily timesheets will be maintained.

Physical Demands

Activity - Percentage of Time

Bending	0	10	20	30	40	50	60	70	80	90	100
Squatting	0	10	20	30	40	50	60	70	80	90	100
Crouching	0	10	20	30	40	50	60	70	80	90	100
Pushing/Pulling	0	10	20	30	40	50	60	70	80	90	100
Reaching above shoulder level	0	10	20	30	40	50	60	70	80	90	100
Sitting	0	10	20	30	40	50	60	70	80	90	100
Standing	0	10	20	30	40	50	60	70	80	90	100
Twisting	0	10	20	30	40	50	60	70	80	90	100
Walking	0	10	20	30	40	50	60	70	80	90	100

Must Be Able To - Percentage of Time

Reach Overhead	0	10	20	30	40	50	60	70	80	90	100
Consistently move on your feet	0	10	20	30	40	50	60	70	80	90	100
Wear PPE	0	10	20	30	40	50	60	70	80	90	100
Climb Ladders	0	10	20	30	40	50	60	70	80	90	100
Lifting in Awkward Positions	0	10	20	30	40	50	60	70	80	90	100

Lifting

From Floor

From Waist

Overhead

Up to 10 lbs.	Frequently	Frequently	Occasionally
11 - 24 lbs.	Occasionally	Occasionally	Rarely
25 - 34 lbs.	Rarely	Rarely	Rarely
35 - 50 lbs.	Rarely	Rarely	Rarely
51 - 75 lbs.	Rarely	Rarely	Rarely

Carrying

Distance

Hours/Day

Up to 10 lbs.	150 ft	1	Frequently
11 - 24 lbs.	100 ft	1	Occasionally
25 - 34 lbs.	10 ft	0.25	Rarely

35 - 50 lbs.	10 ft	0.25	Rarely
51 - 75 lbs.	10 ft	0.25	Rarely

<u>Pushing/Pulling</u>	<u>Distance</u>	<u>Hours/Day</u>	
Up to 10 lbs.	50 ft	1	Occasionally
11 - 24 lbs.	50 ft	1	Occasionally
25 - 34 lbs.	10 ft	0.25	Rarely
35 - 50 lbs.	10 ft	0.25	Rarely
51-75 lbs.	10 ft	0.25	Rarely

<u>Simple Grasping</u>		
	Right Hand	Yes
	Left Hand	Yes

<u>Firm Grasping</u>		
	Right Hand	Yes
	Left Hand	Yes

<u>Pushing/Pulling</u>		
	Right Hand	Yes
	Left Hand	Yes

<u>Fine Manipulation</u>		
	Right Hand	Yes
	Left Hand	Yes

<u>Repetitive Movements</u>		
	Right Hand	Yes
	Left Hand	Yes
	Right Foot	No
	Left Foot	No

<u>Work Environment</u>	
Outside	Rarely
Inside	Frequently
Air Conditioned	Frequently
Smoke-Free Area	Frequently
Fumes	Rarely
Ground Level	Frequently
Use of Stairs	Rarely
Work in dusty conditions	Rarely
Work with computers	Frequently
Work with other persons	Frequently
Work with member	Occasionally