

## Data Scientist



**Match your skills to a career where you're not just doing a job; you're making an impact every single day.**

At Farmers Edge, we're addressing the global challenge of feeding the world's growing population while reducing environmental impact. We're a diverse group of thinkers and doers, motivated by challenges, curiosity and bold ideas. Our culture is the foundation of our company, connecting innovation and disruption with the passion that drives us. From the software and digital tools that we create to the conversations we share; the collective force of our team is influencing revolutionary changes in agriculture to bring new levels of sustainability and opportunity to farmers and agricultural professionals.

Rapidly expanding worldwide, we're focused on creating a diverse environment of talented individuals. Working with high-quality data sets, cloud connectivity, AI-driven algorithms and predictive models across web, mobile and app platforms, we offer a range of roles in multiple locations where you can build impactful, data-driven experiences and feel empowered to make a difference.

Join us to work with a company whose team is as innovative as its products. Together, we can make the impossible, possible.

### **Data Scientist**

**Location: Corporate Office - Winnipeg, MB, Lethbridge, AB, or Omaha, NE  
(Remote location may be considered)**

Reporting to the Data Science Manager, the Data Scientist will join a team responsible for a large variety of projects across the company. They will work to build efficient pipelines for collecting and processing data as well as carry out model development and improvements.

The Data Science team at Farmers Edge is constantly working on new, industry-leading projects and this role will give the data scientist an opportunity to help these projects reach their full potential.

#### **What you'll be doing:**

- Use data from internal and external sources to develop machine learning systems using a variety of techniques from gradient boosting to neural networks;
- Calculate accuracy of machine learning models;
- Participate in weekly review meetings;

- Communicate effectively with non-technical coworkers about model performance and shortcomings;
- Create documentation on testing and development procedures;
- Troubleshoot deployed models when results are not matching expectations;
- Collaborate with other data scientists on the team;
- Collaborate with other teams such as Remote Sensing, Agronomy R&D, Web Services, DevOps, and Image Processing;
- Other duties as assigned.

**Experience you'll need to succeed:**

- 2+ year's experience in using and developing machine learning models in a production setting;
- Knowledge of Python programming;
- Revision control software (e.g. Git);
- Strong communication and organization skills;
- Understanding of best practices in data science.

**We would love to see:**

- Education in math or science with a focus on data science;
- Previous experience in computer vision and image processing;
- Agricultural knowledge;
- Comfortable working in a team environment, but also willing to work independently on assigned tasks;
- Creative, self-motivated, resourceful and passionate;
- Experience with Django, Pandas, and Scikit libraries.

**What you'll get:**

- Competitive compensation;
- Extensive benefits package;
- Employer matched DPSP retirement plan;
- The opportunity to expand skillsets while making impactful contributions to cutting-edge products.