

Dehaat

Data Scientist - Imagery

About Dehaat:

[DeHaat](#) is the fastest growing AgTech startup in India and the only full stack agri service provider. Founded by people from IIT Delhi, IIT Kharagpur, IIM Ahmedabad and other top institutes.

Currently we are connecting 1,65,000 farmers of eastern India (Bihar, UP and Odisha) directly to 150+ agri businesses like agri-input companies, institutional buyers and financial institutions.

We are a funded startup growing 3-4x annually; targeting to work with 5 Mn farmers by 2024.

Because of the impact we create at grass root level, we have been awarded a number of times at multiple forums such as NASSCOM, Forbes, ET, Niti Aayog and many more.

About the work:

- You'll building algorithms at field/plant level to solve real-world problems and help millions of farmers and agri-businesses with their decision making
- Build deep understanding of existing algorithms in spatial and aerial imaging data assets
- Categorise crop health and soil health, and estimate yields
- Identify early onset of pests and diseases, build alerts and farmer/business solutions
- Evaluate different imaging platforms, datasets and technologies
- Identify libraries and technologies that solve our problems and/or are worth experimentation
- Collaborate with agri-experts to map imagery data to recommendations; with engineering team to scale your work
- We believe in a small and effective team - you'll have a say in what to build and own it

About you:

- Have 4+ years of experience in image based machine learning and/or image processing
- Come up with your own goals and don't need heavy direction or daily check-ins
- Fluent in Python (preferred) or R, capable of framing problems as programming tasks from the ground up, as well as working with existing code
- Fluent in statistical/machine learning libraries in Python or R
- Understanding or intent to learn geospatial data formats and GIS concepts
- Experience with image based machine learning
- Knowledge of GIS concepts and experience with vector geospatial data is a plus
- A STEM degree from top tier educational institutes