Remote Sensing Lead at Pula

Company: JobWebKenya

Location: Kenya

Category: life-physical-and-social-science

Job Description

(adsbygoogle = window.adsbygoogle || []).push({});

At Pula, we are radically restructuring agricultural insurance, using technology to insure the previously unbanked, uninsured, untapped market of 1.5 billion smallholders worldwide. We work in eight countries across Africa and Asia, and in alone, we facilitated crop and livestock insurance cover to , farmers in Kenya, Rwanda, Uganda, Nigeria, Ethiopia and Malawi. We are recruiting to fill the following position below:

What you will be doing:

Identify crops in satellite images and prepare crop maps at state wide or country wide scale.

Monitoring sowing progress and crop condition in any predefined area for whole season,

Use Microwave satellite images with or without Optical satellite images and extract crop specific information,

Run algorithms or create yourself for satellite image processing in GEE,

Infer expected yields,

Flood inundation area mapping in real time,

Carry out overlay analysis using different raster and vector layers in open source GIS softwares,

Contribute to the development of automated remote sensing workflows.

Download, integrate and derive meaningful information from open source satellite data products from various National Space Agencies,

Handle large volumes of data, effectively,

Communicate this very technical information to an audience whose prior interaction with satellites is only through the Space Wars cartoon series.

What you will need to be successful

Bachelor's Degree in Earth Observation – related fields

Solid grasp of the ESRI ArcGIS/QGIS or equivalent GIS software suite

Experience in programming (R, Python, Javascript) and using databases and maps

Experience with PowerBI Suite, or similar data analysis and visualization tools

Have an understanding of image processing techniques and derivation of wide range of vegetation indices

Work on GEE on a daily basis

Have an understanding of why AI is considered a 5th industrial revolution and its applications in niche areas such as remote sensing and agriculture

Quickly adapt to working environment and work with variety of stakeholders both internal and external

Ferocious learner. Be comfortable in learning new information fast, deriving abstract mathematical concepts to be applied in a code environment

Strong data analysis skills with the ability to engage with variety of audiences to brainstorm on program data goals

Superb communication and coordination skills

Proficiency in English (written and spoken)

Ability to multi-task and be flexible to rapidly change focus quickly to respond to urgent needs.

Ability to work independently and prioritize tasks with limited mentorship while keeping in

close collaboration with members of the team

Other Preferred Experiences & Skills

Ability to work remotely and with minimal supervision

Ability to learn in a fast-paced job set up

Ability to deliver on responsibilities in a timely manner

Experience/Interest working with international projects/team especially in Agriculture

Excellent English language skills, both written and verbal, required

We especially want to hear from you if:

You have worked in a remote sensing set up before, analyzing + GB of datasets.

You have written geospatial code to help automate workflows.

Have a data science hat where you take in abstract ideas and quickly transform those into experiments and insights.

Apply Now

Cross References and Citations:

1. Remote Sensing Lead at Pula Teachingassistantjobs Jobs Kenya Teachingassistantjobs ↗

2. Remote Sensing Lead at Pula Networkengineerjobs Jobs Kenya Networkengineerjobs ↗

3. Remote Sensing Lead at Pula Ultimatejobfinder Jobs Kenya Ultimatejobfinder ↗

4. Remote Sensing Lead at Pula Softwaregiantcareers Jobs Kenya Softwaregiantcareers ↗

5. Remote Sensing Lead at Pula Scrumjobs Jobs Kenya Scrumjobs ↗

6. Remote Sensing Lead at Pula Socialnetworkingjobfinder Jobs Kenya Socialnetworkingjobfinder ↗

7. Remote Sensing Lead at Pula Healthcarejobsnearme Jobs Kenya Healthcarejobsnearme ↗

8. Remote Sensing Lead at Pula Videographerjobs Jobs Kenya Videographerjobs ↗

9. Remote Sensing Lead at Pula Seouljobs Jobs Kenya Seouljobs ↗

10. Remote Sensing Lead at Pula Propertyjobs Jobs Kenya Propertyjobs ↗

11. Remote Sensing Lead at Pula Retailjobsnearme Jobs Kenya Retailjobsnearme ↗

12. Remote Sensing Lead at Pula Searchamericanjobs Jobs Kenya Searchamericanjobs ↗

13. Remote Sensing Lead at Pula Archaeologyjobs Jobs Kenya Archaeologyjobs ↗

14. Remote Sensing Lead at Pula Telecomjobs Jobs Kenya Telecomjobs ↗

15. Remote Sensing Lead at Pula Supervisorjobs Jobs Kenya Supervisorjobs ↗

16. Remote Sensing Lead at Pula Searchnzjobs Jobs Kenya Searchnzjobs ↗

17. Remote Sensing Lead at Pula Berlinjobsearch Jobs Kenya Berlinjobsearch ↗

18. Remote Sensing Lead at Pula Personaltrainerjobs Jobs Kenya Personaltrainerjobs ↗

19. Remote sensing lead at pula Jobs Kenya ↗

20. AMP Version of Remote sensing lead at pula ↗

21. Remote sensing lead at pula Kenya Jobs ↗

22. Remote sensing lead at pula Jobs Kenya ↗

23. Remote sensing lead at pula Job Search ↗

24. Remote sensing lead at pula Search ↗

25. Remote sensing lead at pula Find Jobs ↗