

DEEP NEURAL  
NETWORK APPROACH  
FOR DSCOVR'S  
ORACLE PROJECT

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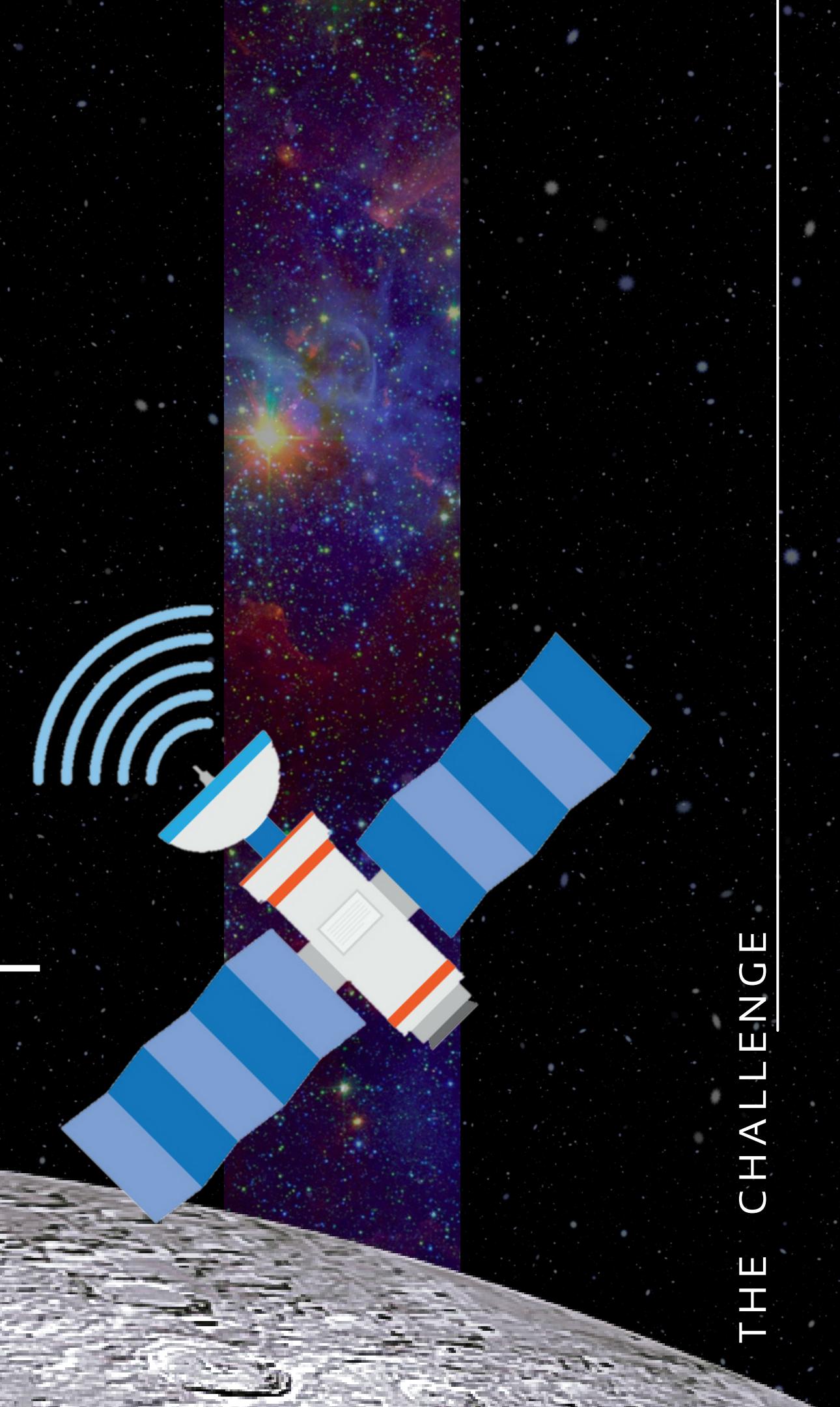
# DEVELOP THE ORACLE OF DSCOVR

Solar storms are responsible for major damage to satellite communication systems.

## Deep Neural Network approach for DSCOVR's Oracle project

the solar winds with L2 data and a simple and accessible model. data and a simple and accessible model.

AdaRNN is a accessible and with vast documentation, that enables this possibility



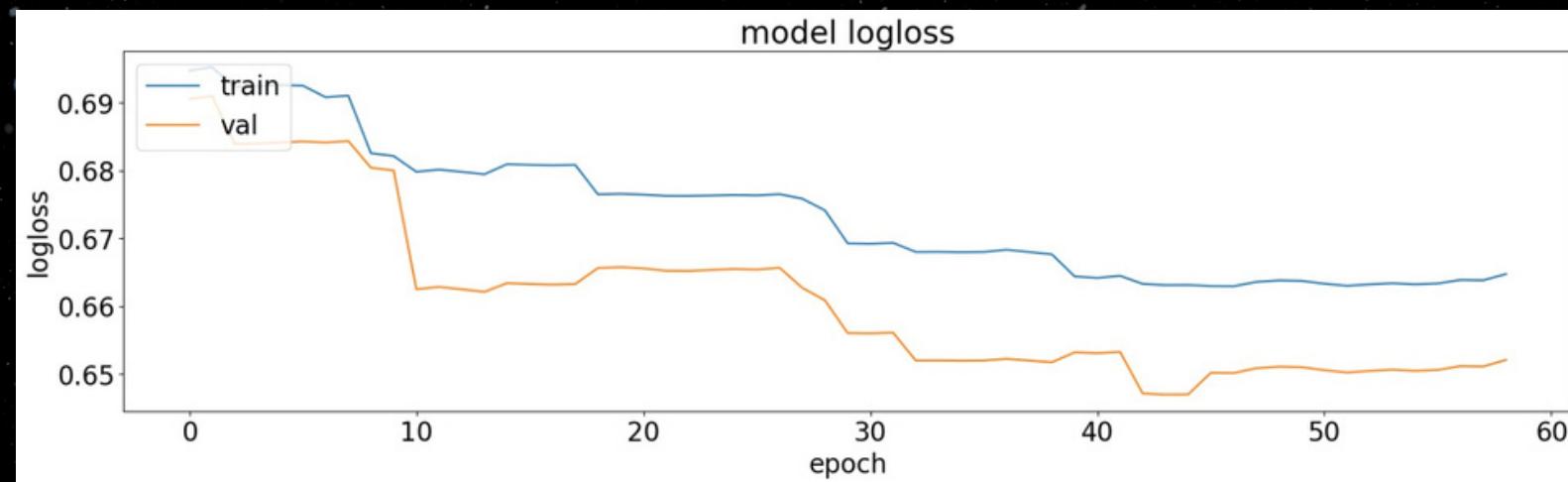
# RESULTS

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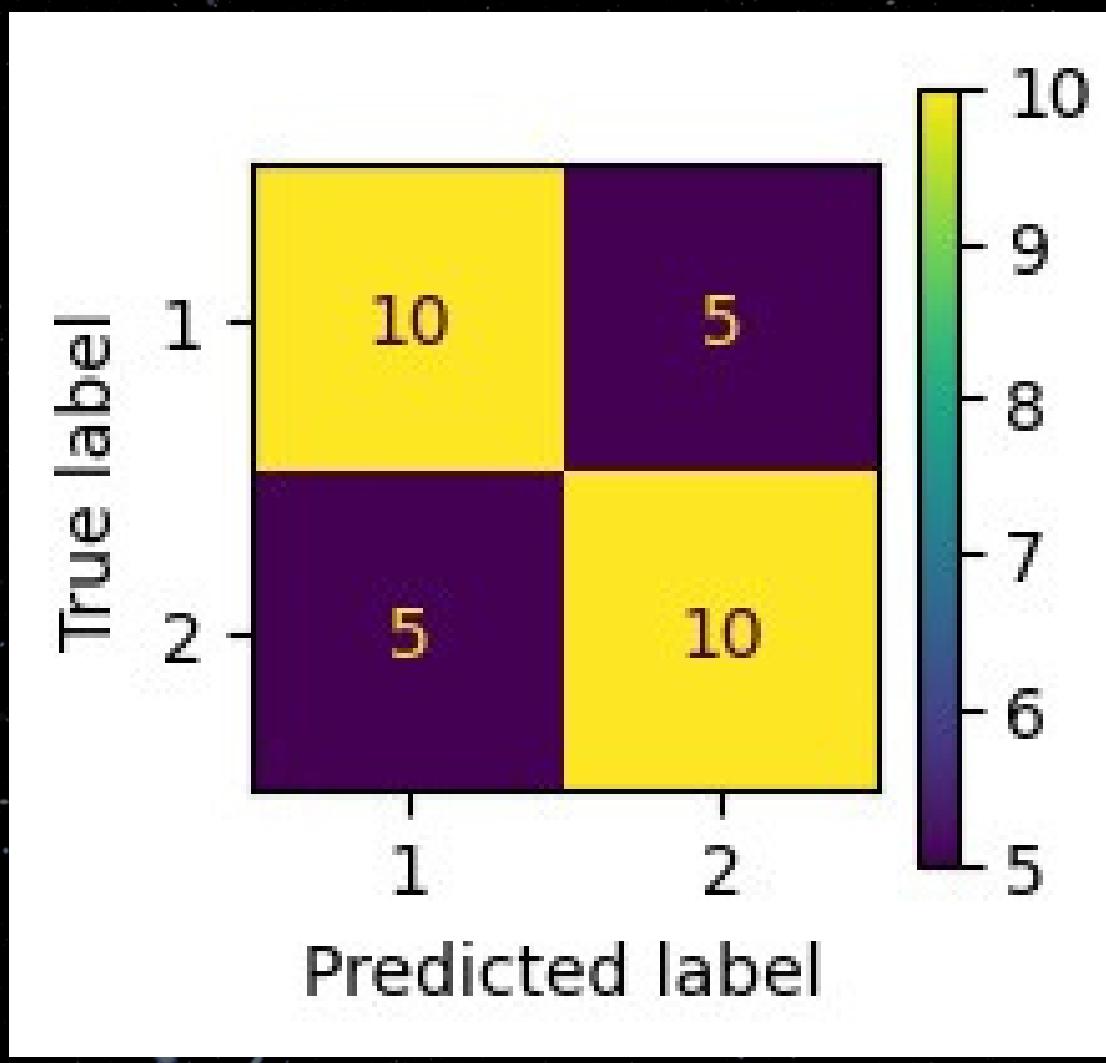
Metrics, graphics and insight

## RESULTS

### Validation



### Confusion Matrix



# THIS APPROACH CREATES:

- Accessible dataset process.
- Once trained, it is a fast way of categorizing new L2 data samples using simple methods and raw data.
- An open-source solution for a real problem.

# THE FINAL STEPS

Time was the limit this time



Implement  
AdaRNN

Validate  
results

Final ajusts for  
maximum F1  
Score

Thank you!