

Model Selection

Preprocessing

03 Results

Model Selection

Yachay.ai Externship I Practicum I Geolocation Prediction from Tweets

Made with VISM



Model Type

KERAS Functional API



Deep Learning

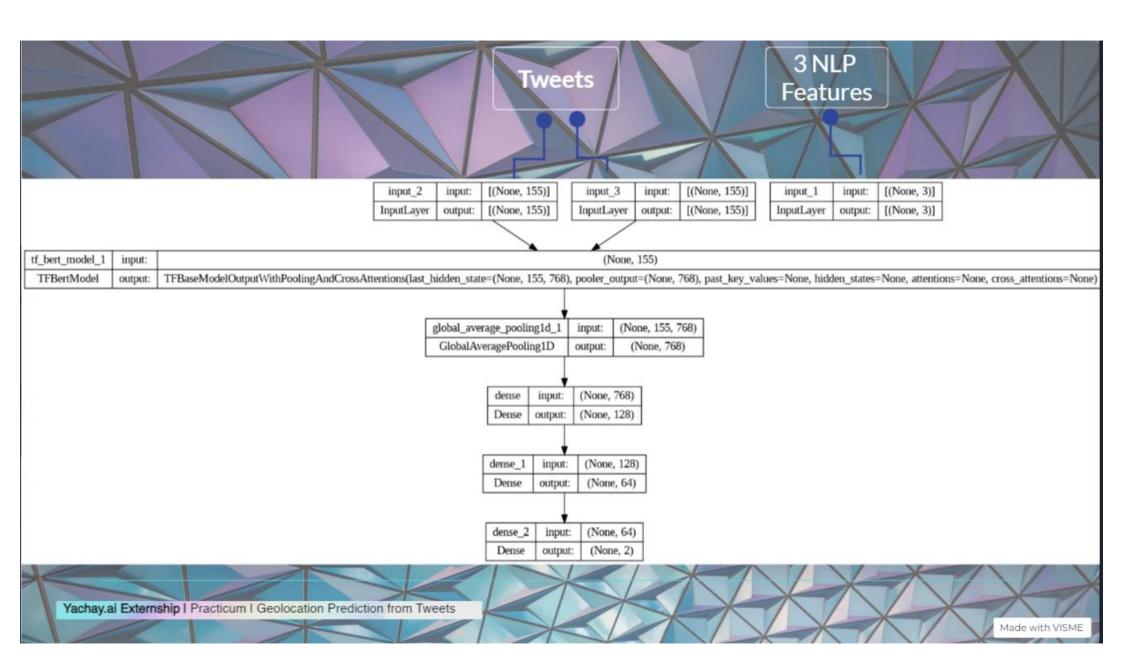
BERT Pretrained



Approach

Regression

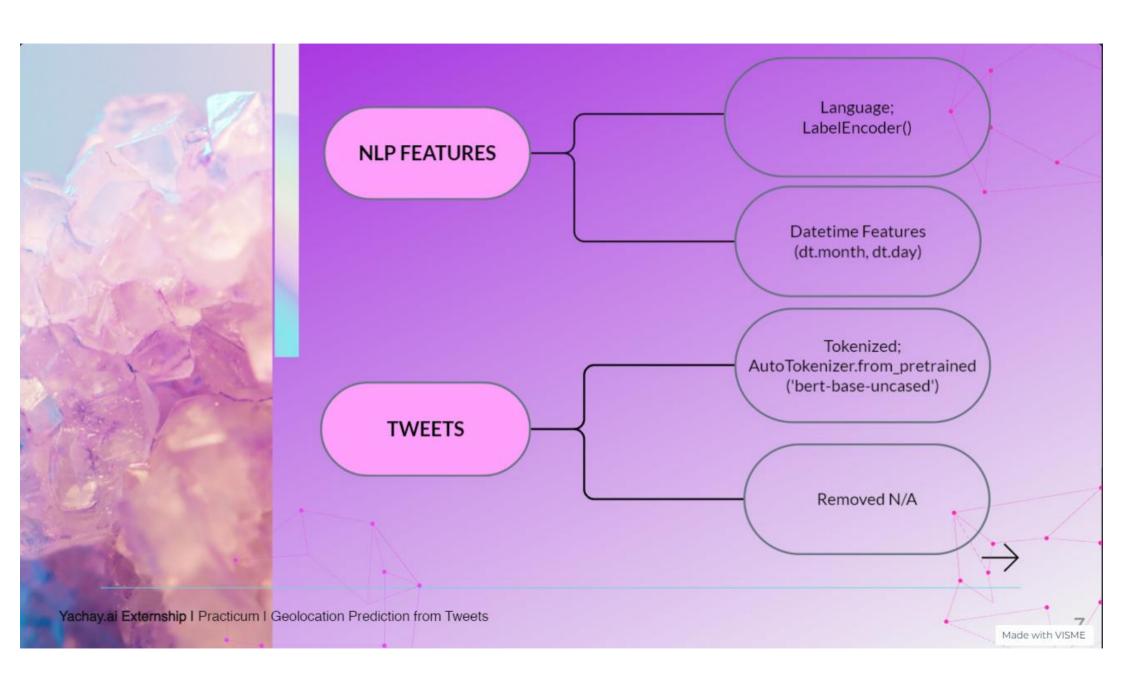


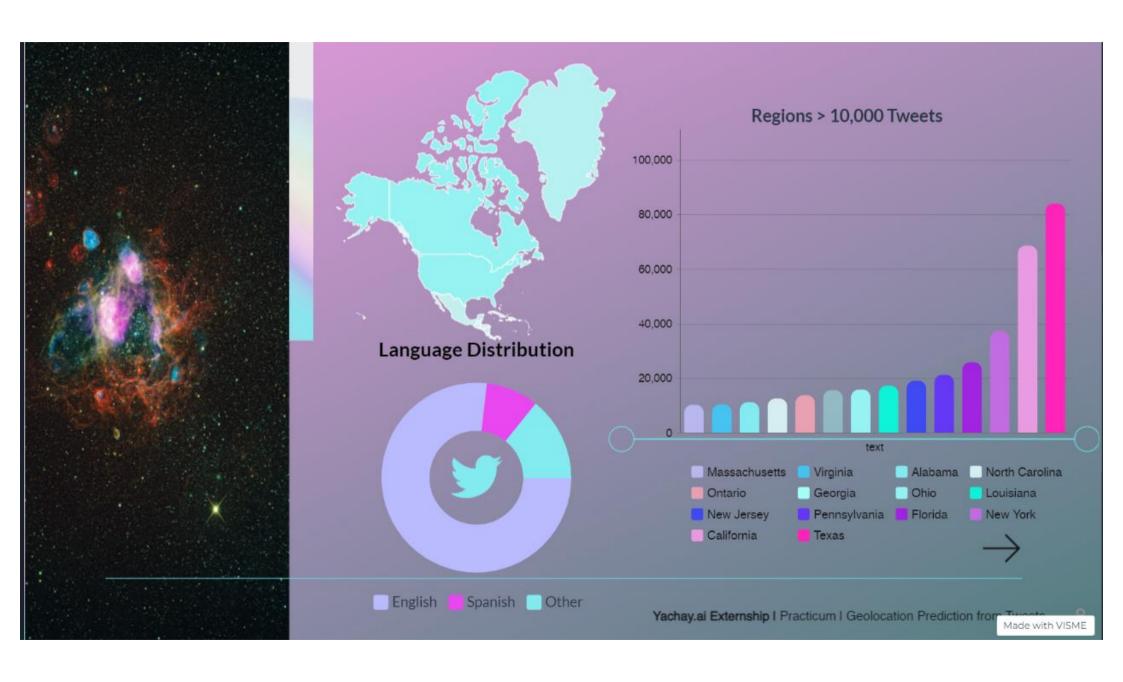


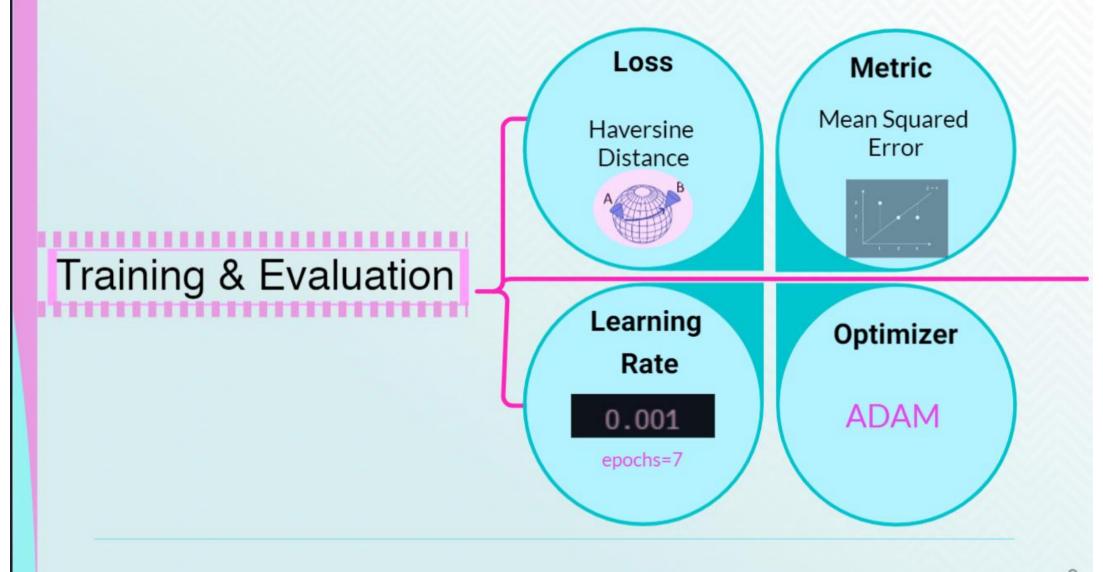
Preprocessing

Yachay.ai Externship | Practicum | Geolocation Prediction from Tweets

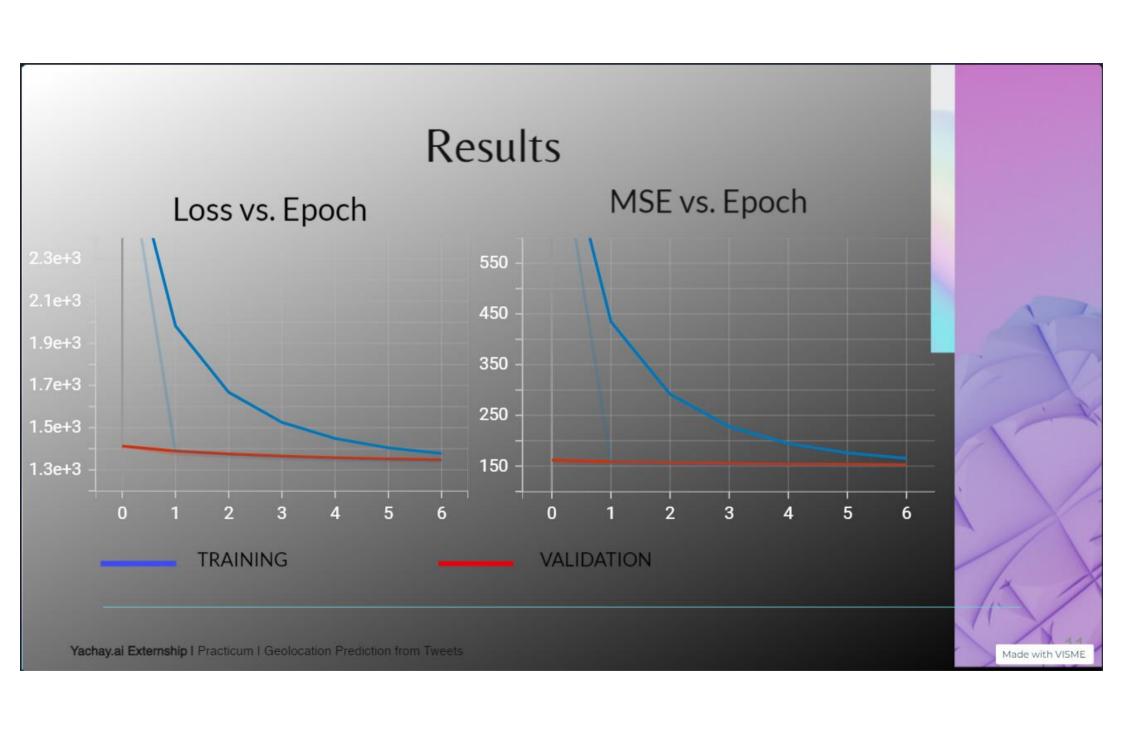
Made with VISME







Model Structure



Results

DATA	LOSS	MSE
TRAINING	1356 km	153 km²
VALIDATION	1345 km	152 km²
TEST	1334 km	149 km²

Final Reflection

Limitations

- Validation data outperformed
- ☐ Short Training



Strengths

- ☐ Utilizes BERT
- □ NLP Features
- ☐ Convenient & Buildable

→ Thank You