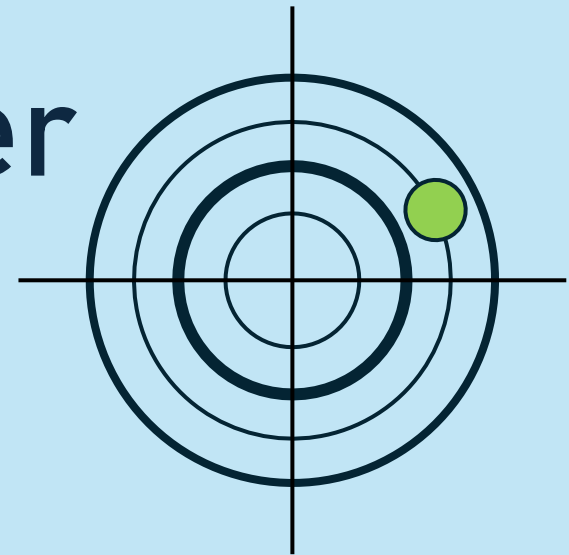


News Angles The Bias Decoder



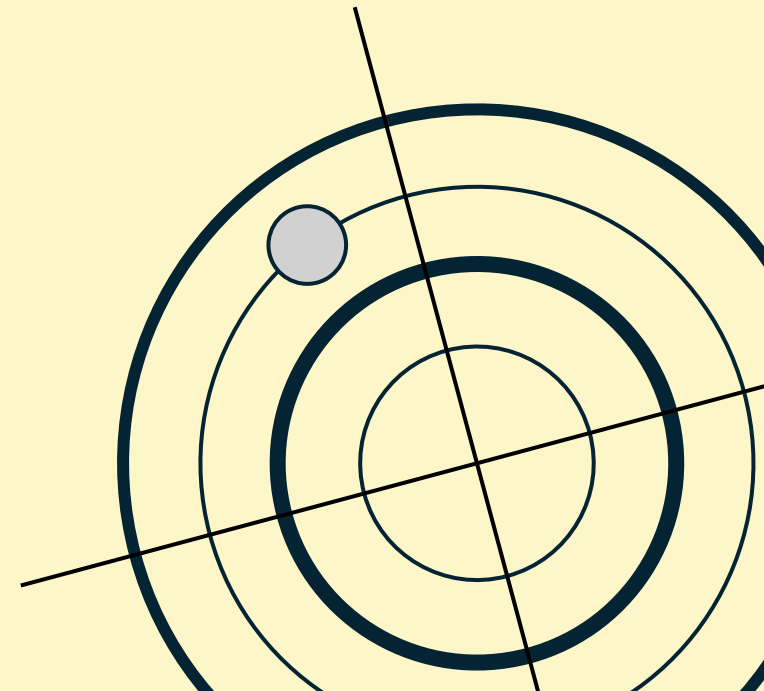
Korinne Angela White

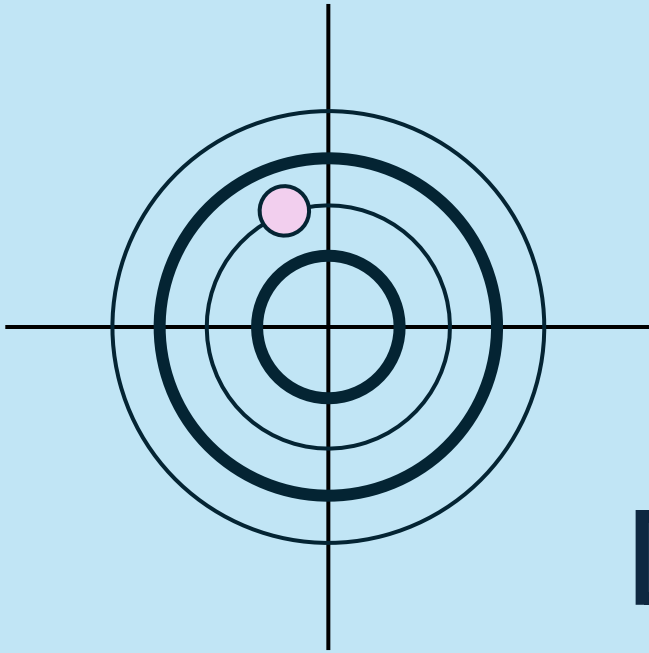
Project

A tool for analyzing news articles to reveal their political slant. It provides probabilistic scores across 3 political spectrums: Liberal, Conservative and Neutral.

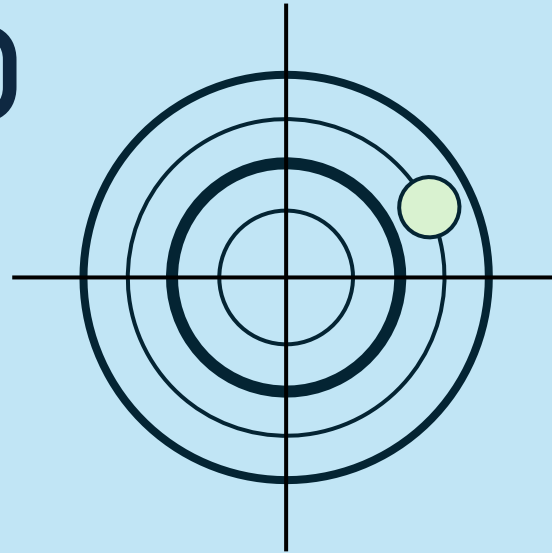
Who's it for?

1. General Public
2. Journalists & Media Analysts





DEMO

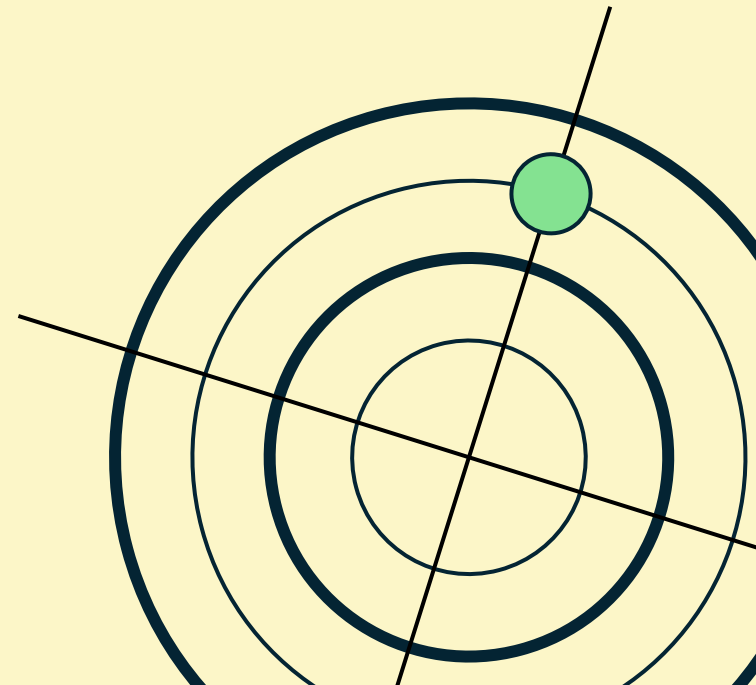


Process

1. Data pre-processing
2. Fine-tuning RoBERTa-base
3. Visualization
4. Deployment

Hyperparameters

- Epochs: 4
- Learning Rate: $2e-5$
- LR Scheduler: Linear

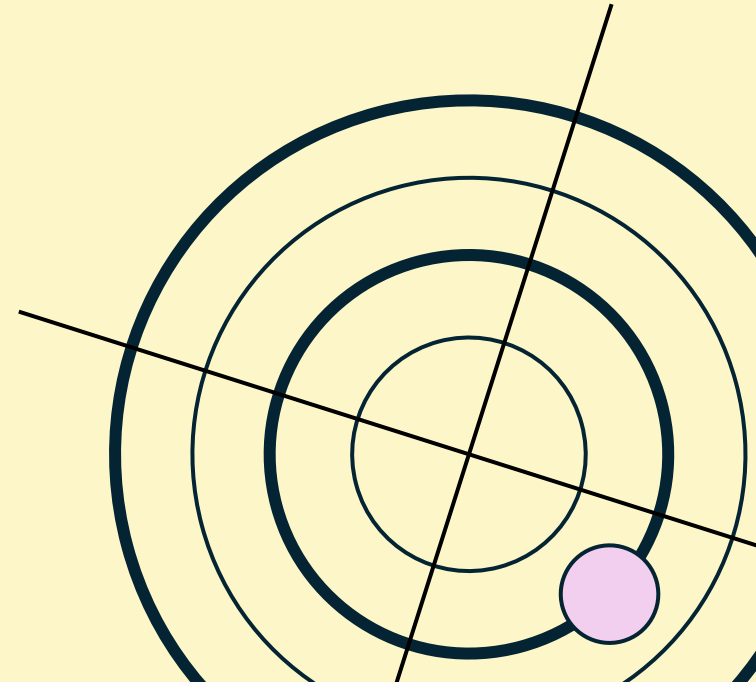


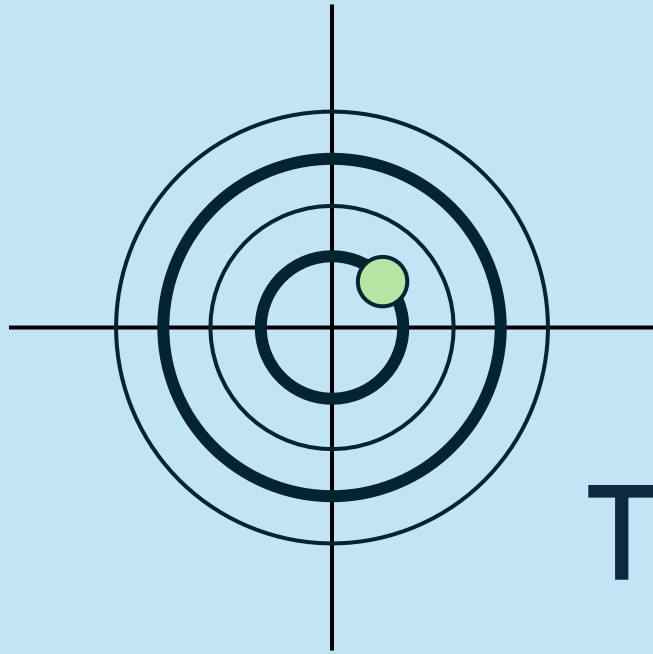
Performance Metrics

- Accuracy
- Loss
- F1-Score
- KL-Divergence

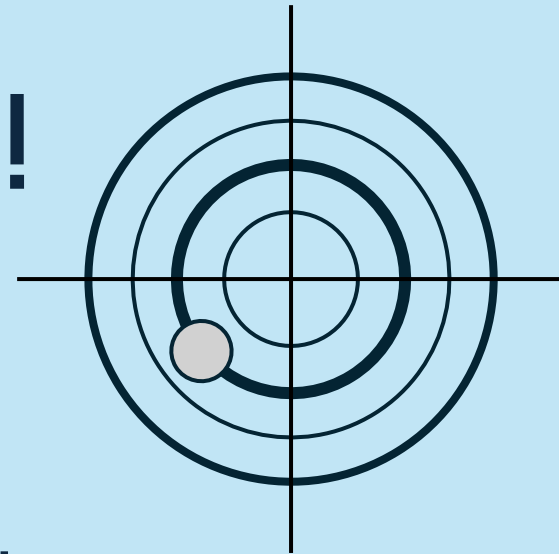
Deployment

- Streamlit
- Flask
- Render





Thank you!



Korinne Angela White

[Github](#), [LinkedIn](#)