Sentiment Analysis over Tweets on the Russia/Ukraine Conflict

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Data Ingestion

- Kaggle
- GCS
- BigQuery

Data Cleaning/Processing

- Most difficult part
- Will get into details on the next slide

Sentiment Analysis with VertexAI

- Natural Language API
- VertexAI Workbench

Finalized Data & Visualizations

- Finalized view in BigQuery
- Brief report on Looker Studio
- Trends: mostly negative sentiment, high magnitude

What did I learn?

- Tools: GCS, BigQuery…
- ML takes research and time
- Data processing & cleaning takes time

Next Steps

- Analyze more of the data
- Stratify by other attributes
  - Vs date
- Train using AutoML