Fill The Masks

- The goal is to complete the text marked with [MASK]
  - The sun rises in the [MASK].
  - An apple a day keeps the [MASK] away.
  - Rome wasn't built in a [MASK].
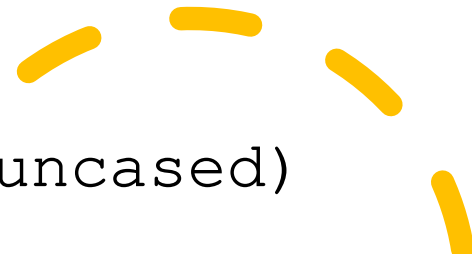 - Every cloud has a [MASK] lining.

Real-World Applications

- Text Completion and Auto-suggest
- Text Correction
- Named Entity Recognition (NER)
- Language Learning
- Search Engines (complete the search)
- Programming
- Data Analysis (Predict missing values)

Models

- BERT (`bert-base-uncased`)
- RoBERTa
- DistilBERT
- GPT-2

Hyperparameters

- `top_k`
- Number of predictions to be returned

main()

initialize_mask_filling()

get_hyperparameters()

get_sentences()

display_results()