AllenNLP Interpret:

A Framework for Explaining Predictions of NLP Models



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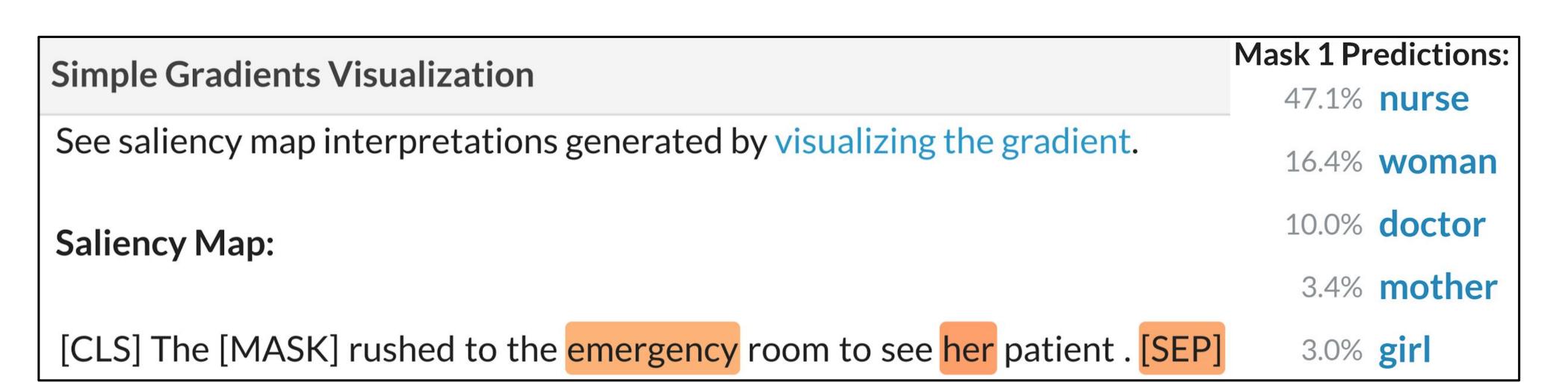


Goal: Explain why NLP models make certain predictions

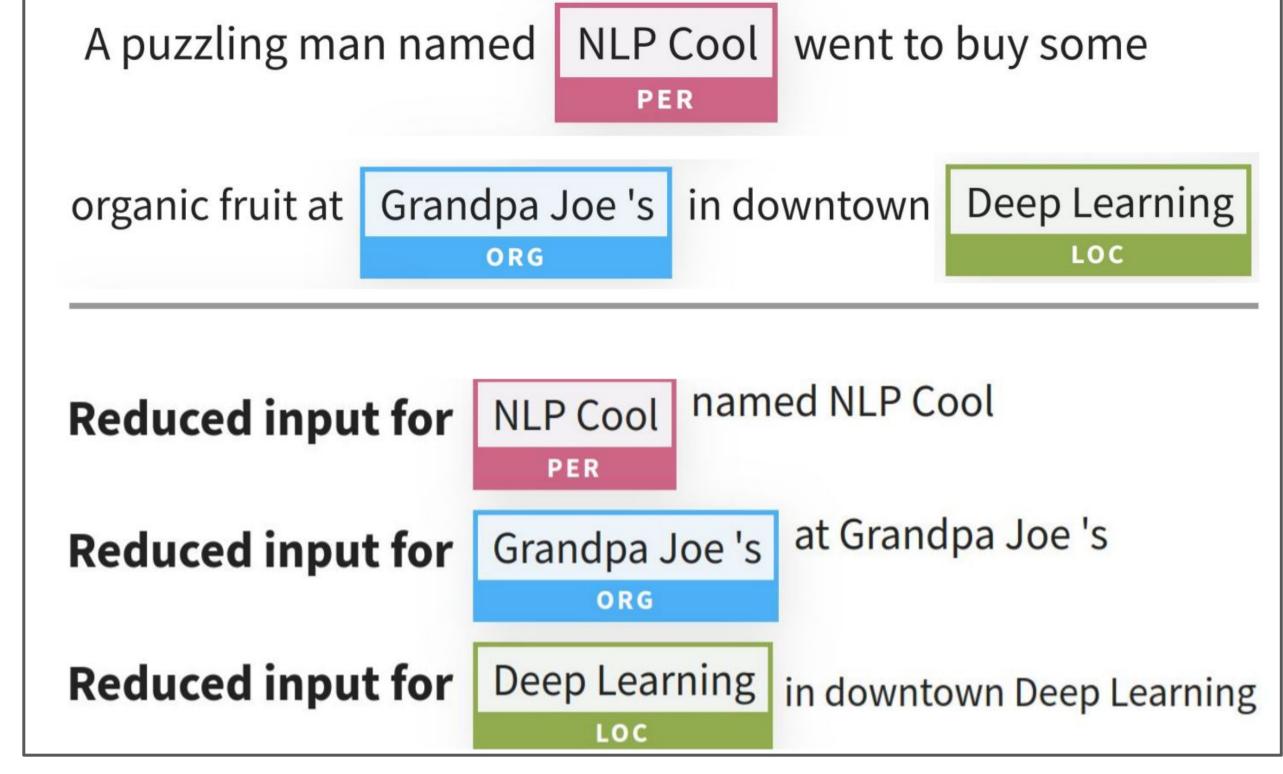
We provide interactive interpretations for any AllenNLP model

- Saliency maps, adversarial attacks, input reduction, ...
- SoTA models (BERT, GPT-2, QANet, BiDAF, LSTM-CRF, ...)
- Complex task formats (QA, language modeling, NER)
- Easy to add your own model and interpretation

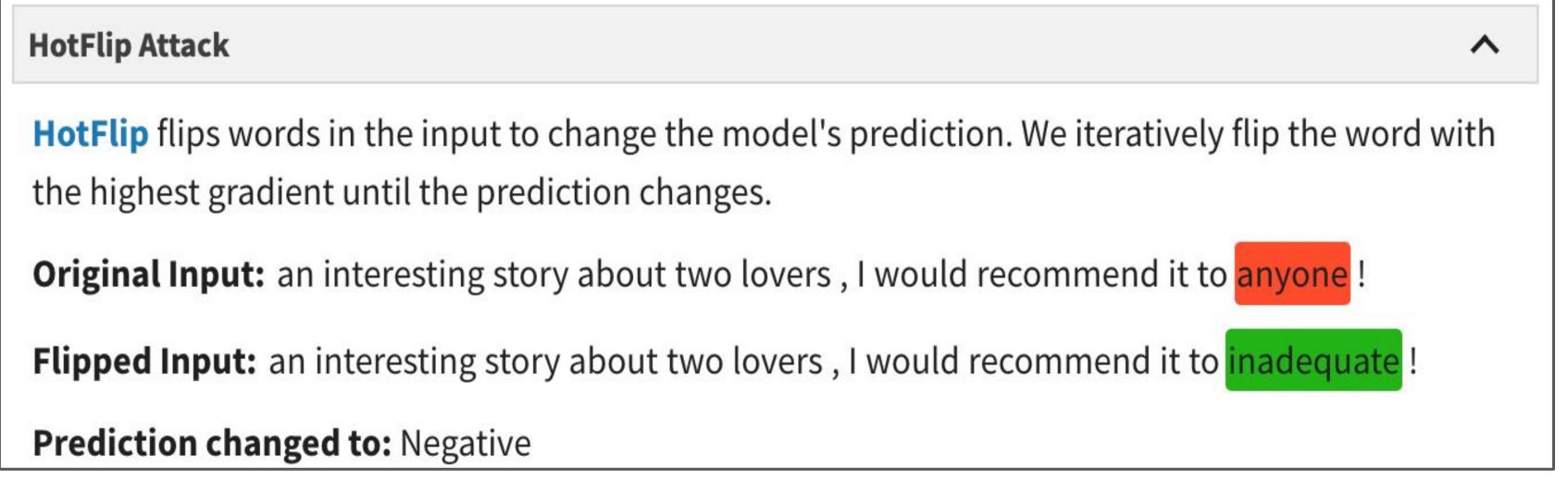
Example Uses



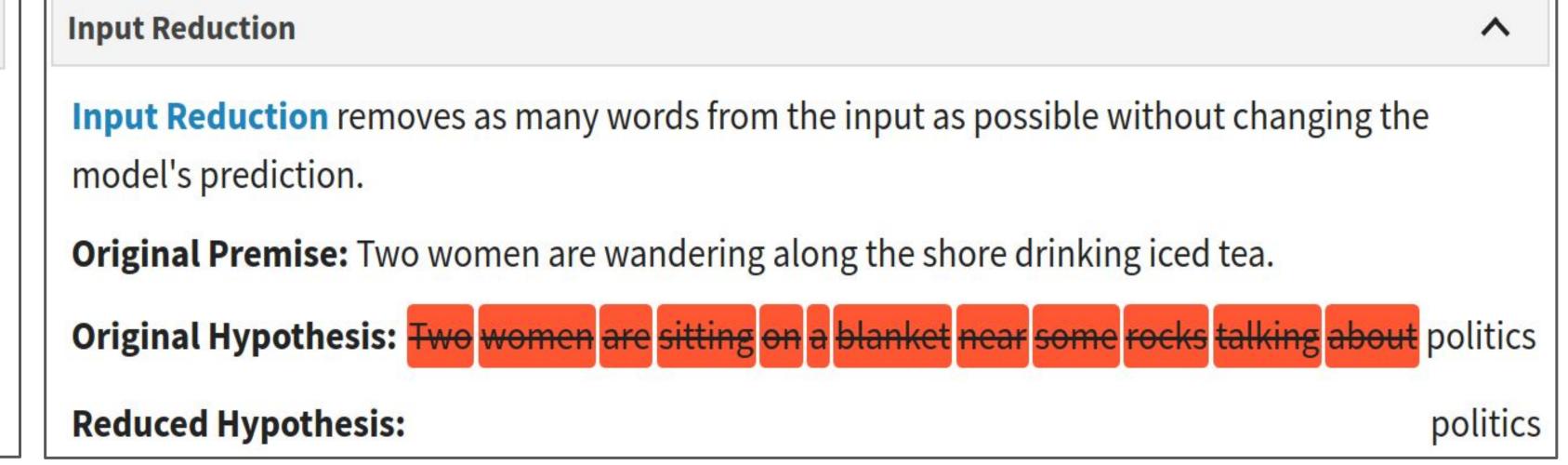
Saliency Map (BERT)



Input Reduction (NER)



Adversarial Attack (Sentiment)



Input Reduction (Entailment)

https://allennlp.org/interpret