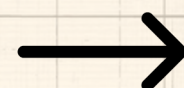


Tomer Biton



HF model of the weekend

DistilBERT
SST-2





What is this model?

What is DistilBERT SST-2?

- A distilled, lighter version of BERT, trained on SST-2 (Stanford Sentiment Treebank)
- Excellent at detecting positive vs. negative sentiment
- 97% of BERT's performance - using 40% fewer parameters

Why it matters:



Fast



Accurate



Perfect for analyzing comments & feedback in real time





What I built

This weekend's mini-build:

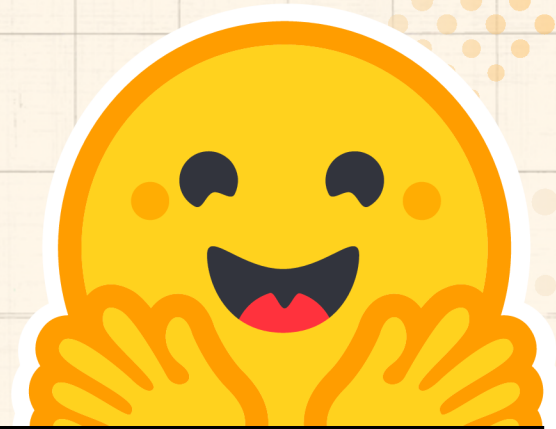
- ✓ A Python sentiment analyzer
- ✓ CSV input of LinkedIn comments
- ✓ Automated labeling: Positive / Negative

Use-cases:

- Content analysis
- AI agent text feedback loops
- Product sentiment monitoring
- Social engagement analytics

```
comment      label  score
Really love this, super clear! POSITIVE 1.00
Not very helpful for me this time. NEGATIVE 1.00
Great breakdown, thanks for sharing! POSITIVE 1.00
Still not sure I fully get this feature. NEGATIVE 1.00
This definitely helped me understand AI better! POSITIVE 0.99
Interesting point, but a bit confusing at first read. NEGATIVE 0.99
Nice explanation – short and to the point. POSITIVE 0.99
Helpful post, made me think differently about this. POSITIVE 0.99
(venv) tomerbiton@h-MacBook-Pro-sl-Tomer week-01-distilbert-sentiment s
```





What I Learned This Weekend

Small model, big takeaways.

- Distilled models shine when the task is simple and well-bounded.
- SST-2 handles short, informal comments great.
- Hugging Face pipelines = fastest way to prototype NLP ideas.
- Even small models can surface engagement patterns in your audience.
- Speed > size when you just need quick, local experiments.

