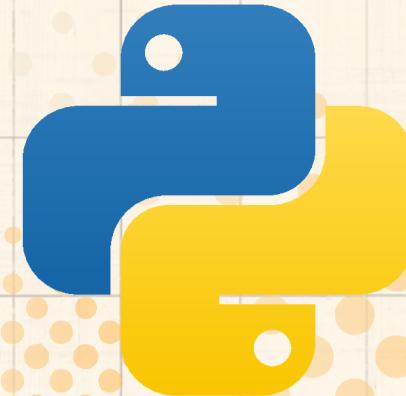


Tomer Biton



66

# HF model of the weekend

**DistilBERT**  
**SST-2**





Tomer Biton



# 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



Tomer Biton



# 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 | :        |       |



66



## 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.

