Hugging Face Usage Lab

Aim

Load models via Transformers and run inference.

Theory

Transformers unify tokenizers, models, and pipelines for NLP tasks.

Algorithm

1. Load model/tokenizer.

2. Use pipeline or manual generate().

3. Test outputs.

4. (Optional) push to hub.

Pseudocode

```
tok = AutoTokenizer(...)

model = AutoModel(...)

pipe = pipeline("text-generation")

pipe("hello")
```

Results

Coherent text output.

Conclusion

Pipelines simplify tasks; manual generate provides control.