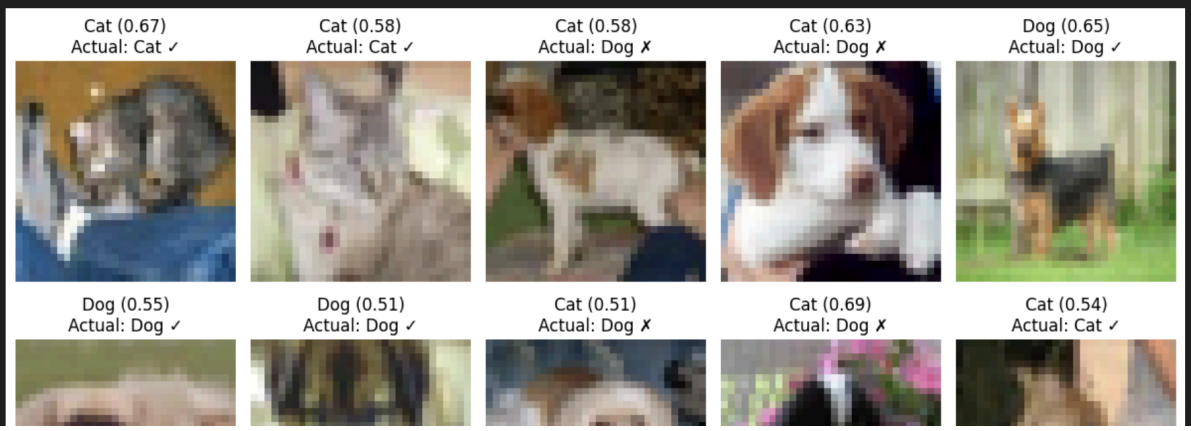
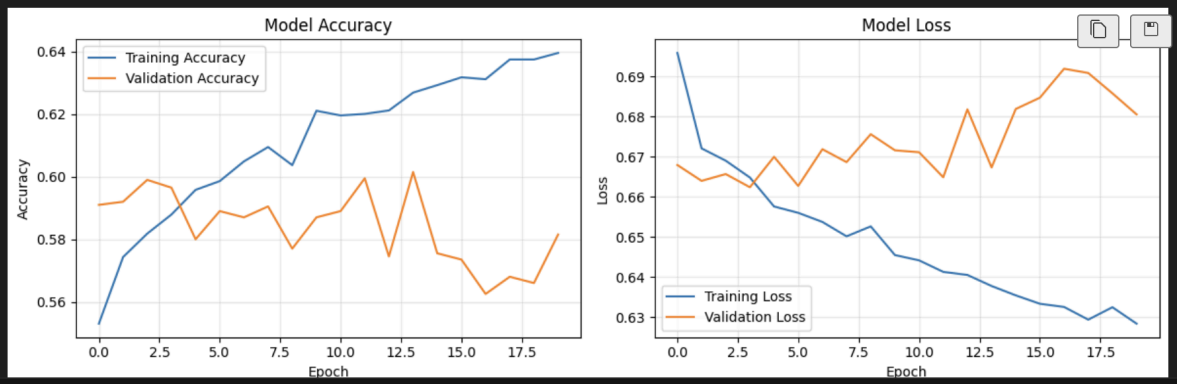
```
================================================
SAMPLE PREDICTIONS
================================================
Saved sample predictions to 'sample_predictions.png'
```




```
================================================
EVALUATING THE MODEL
================================================
Test Loss: 0.6805
Test Accuracy: 0.5815 (58.15%)
Manual accuracy check: 1163/2000 (58.15%)
Saved training history to 'training_history.png'
```



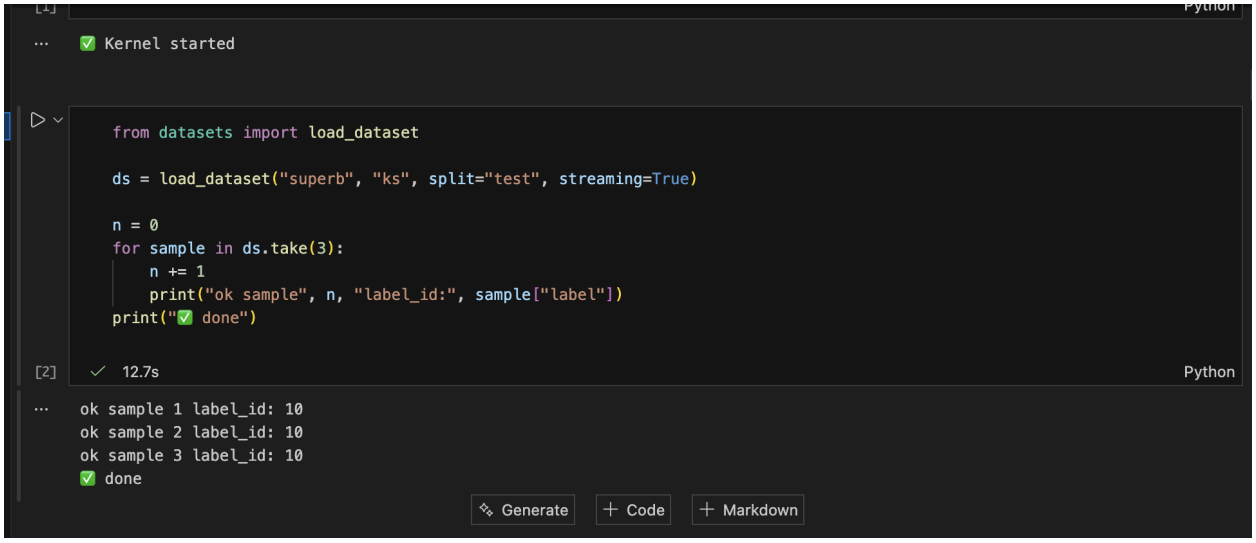

```
print("still alive ✅")
```

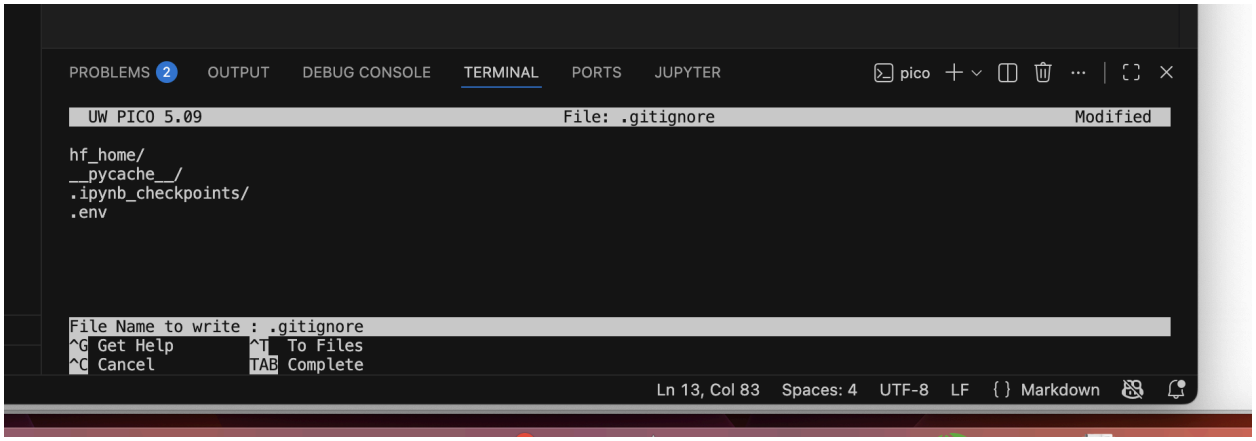
[1] ✓ 0.0s Python

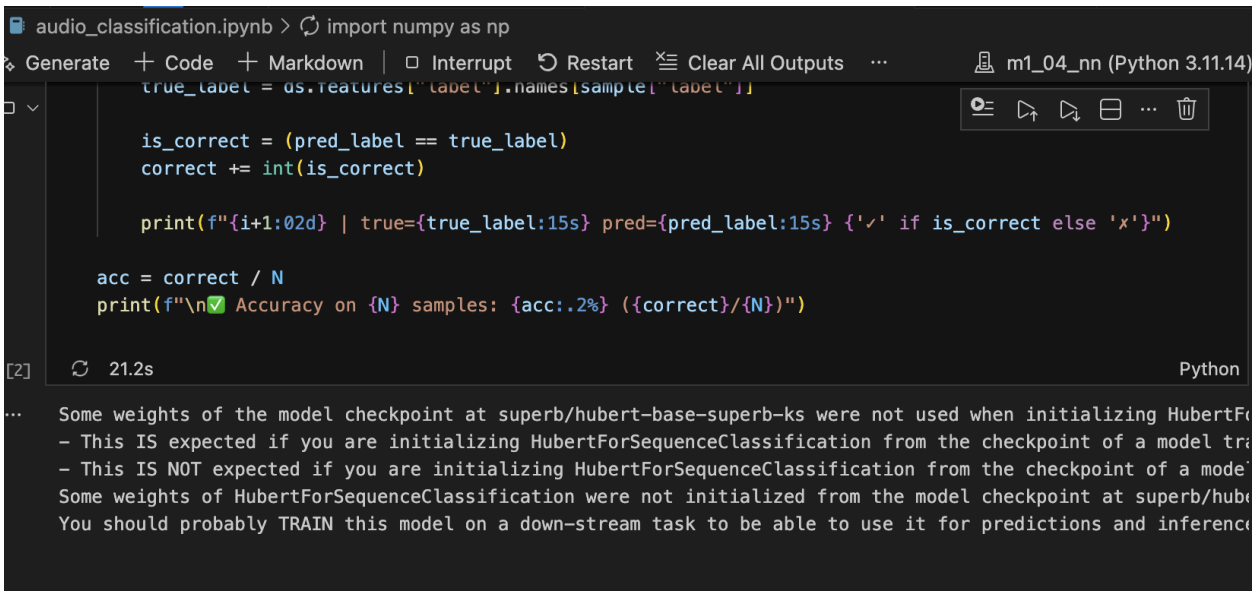
```
still alive ✅
```

```
import numpy as np, torch
from datasets import load_dataset
from transformers import AutoFeatureExtractor, AutoModelForAudioClassification

ds = load_dataset("superb", "ks", split="test", streaming=True)
sample = next(iter(ds))

audio = sample["audio"]
true_label = ds.features["label"].names[sample["label"]]
```

[1] Python


Kernel started
from datasets import load_dataset
ds = load_dataset("superb", "ks", split="test", streaming=True)
n = 0
for sample in ds.take(3):
n += 1
print("ok sample", n, "label_id:", sample["label"])
print("✅ done")
[2] 12.7s
Python
ok sample 1 label_id: 10
ok sample 2 label_id: 10
ok sample 3 label_id: 10
✅ done
Generate
Code
Markdown


PROBLEMS 2
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
JUPYTER
pico
UW PICO 5.09
File: .gitignore
Modified
hf_home/
__pycache__/
.ipynb_checkpoints/
.env
File Name to write : .gitignore
^G Get Help
^T To Files
^C Cancel
TAB Complete
Ln 13, Col 83
Spaces: 4
UTF-8
LF
{} Markdown


audio_classification.ipynb
import numpy as np
Generate
Code
Markdown
Interrupt
Restart
Clear All Outputs
m1_04_nn (Python 3.11.14)
is_correct = (pred_label == true_label)
correct += int(is_correct)
print(f"{i+1:02d} | true={true_label:15s} pred={pred_label:15s} {'✓' if is_correct else '✗'}")
acc = correct / N
print(f"\n✅ Accuracy on {N} samples: {acc:.2%} ({correct}/{N})")
[2] 21.2s
Python
Some weights of the model checkpoint at superb/hubert-base-superb-ks were not used when initializing HubertF
- This IS expected if you are initializing HubertForSequenceClassification from the checkpoint of a model tra
- This IS NOT expected if you are initializing HubertForSequenceClassification from the checkpoint of a mode
Some weights of HubertForSequenceClassification were not initialized from the model checkpoint at superb/hube
You should probably TRAIN this model on a down-stream task to be able to use it for predictions and inferenc