```
In [3]:   import gradio as gr
          import torch
```

```
In [4]:   model_ckpt = "langfab/distilbert-base-uncased-finetuned-movie-genre"

          from transformers import (AutoTokenizer, AutoConfig,
                                    AutoModelForSequenceClassification)

          tokenizer = AutoTokenizer.from_pretrained(model_ckpt)
          config = AutoConfig.from_pretrained(model_ckpt)
          model = AutoModelForSequenceClassification.from_pretrained(model_ckpt,config=config)
```

```
In [5]:   id2label = model.config.id2label

          def predict(plot):
              encoding = tokenizer(plot,  padding=True, truncation=True, return_tensors="pt")
              encoding = {k: v.to(model.device) for k,v in encoding.items()}

              outputs = model(**encoding)

              logits = outputs.logits
              logits.shape

              predictions = torch.nn.functional.softmax(logits.squeeze().cpu(), dim=-1)
              predictions

              return id2label[int(predictions.argmax())]

          iface = gr.Interface(title = "Movie Plot Genre Predictor", fn=predict, inputs="text", ou
          iface.launch(share=True)
```

          Running on local URL: http://127.0.0.1:7860/
          Running on public URL: https://40470.gradio.app

          This share link expires in 72 hours. For free permanent hosting, check out Spaces (http
          s://huggingface.co/spaces)

No interface is running right now

```
Out[5]:   (<fastapi.applications.FastAPI at 0x7f65b56c9690>,
          'http://127.0.0.1:7860/',
          'https://40470.gradio.app')
```