

app.py

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1 import streamlit as st
2 import pandas as pd
3 from flask import Flask, render_template, request
4 from sklearn.feature_extraction.text import CountVectorizer, TfidfTransformer
5 from sklearn.metrics.pairwise import cosine_similarity
6 import joblib
7
8 def load_data(csv_file):
9     data = pd.read_csv(csv_file)
10    return data
11 df['Movies&WebSeries'].fillna('', inplace=True)
12
13 app = Flask(__name__)
14
15 @app.route("/", methods=["GET", "POST"])
16 def search():
17     if request.method == "POST":
18         search_text = request.form.get("search_text")
19         if search_text:
20             # Filter the DataFrame and handle NaN values in 'Movies&WebSeries' column
21             results = df[df['Movies&WebSeries'].str.contains(search_text, case=False, na=
False)][['Subtitles']].tolist()
22             return render_template("results.html", search_text=search_text, results=
results)
23         else:
24             return render_template("results.html", search_text="Nothing", results=None)
25     else:
26         return render_template("index.html")
27
28 if __name__ == "__main__":
29     app.run(debug=True)
```