Movie Title Search Engine

Enter words & sentance related to movie!

Enter your query:

Search

Movie Title Search Engine

Enter words & sentences related to movies!

Enter your query:

watch

Search

Top 10 Unique Names:

1. rollerball.(1975).eng.1cd

2. americas.got.talent.s17.e20.qualifiers.5.results.(2022).eng.1cd

3. unforgettable.s04.e10.game.on.(2016).eng.1cd

4. detective.knight.rogue.(2022).eng.1cd

5. jared.from.subway.catching.a.monster.s01.e03.part.3.(2023).eng.1cd

6. full.swing.s01.e02.win.or.go.home.(2023).eng.1cd

7. star.trek.lower.decks.s03.e01.grounded.(2022).eng.1cd

Movie Title Search Engine

Enter words & sentences related to movies!

Enter your query:

criminal conspiracy guess

Search

Top 10 Unique Names:

1. shetland.s07.e06.episode.7.6.(2022).eng.1cd

2. rabbit.hole.s01.e03.the.algorithms.of.control.(2023).eng.1cd

3. big.sky.s03.e10.a.thin.layer.of.rock.(2022).eng.1cd

4. the.gold.s01.e06.ill.be.remembered.(2023).eng.1cd

5. trafficked.with.mariana.van.zeller.s01.e06.cocaine.(2020).eng.1cd

6. harina.s01.e07.episode.1.7.(2022).eng.1cd

7. the.mentalist.s06.e15.white.as.the.driven.snow.(2014).eng.1cd

8. 24.s06.e14.day.6.700.p.m.800.p.m.(2007).eng.1cd

9. project.wolf.hunting.(2022).eng.1cd

Movie Title Search Engine

Enter words & sentences related to movies!

Enter your query:
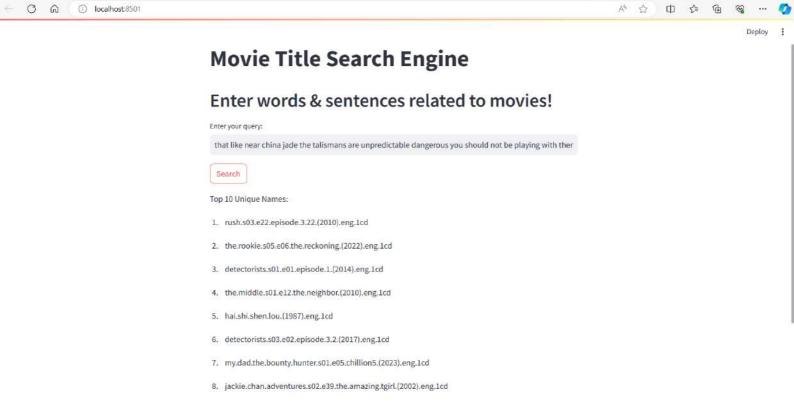
music playing kid capri its the

Search

Top 10 Unique Names:

1. def.comedy.jam.s06.e11.episode.6.11.(1997).eng.1cd
2. def.comedy.jam.s06.e07.episode.6.7.(1997).eng.1cd
3. def.comedy.jam.s01.e06.episode.1.6.(1992).eng.1cd
4. lady.voyeur.s01.e07.ela.esta.entre.nos.(2023).eng.1cd
5. def.comedy.jam.s01.e04.episode.1.4.(1992).eng.1cd
6. koala.man.s01.e05.ode.to.a.koala.bear.(2023).eng.1cd
7. what.we.do.in.the.shadows.s04.e10.sunrise.sunset.(2022).eng.1cd
8. queer.eye.s06.e05.crawzaddy.(2021).eng.1cd

Movie Title Search Engine

Enter words & sentences related to movies!

Enter your query:

it going to be no peeking laughing gasping its a boy jessica wait theres something else in there gasping i

Search

Top 10 Unique Names:

1. great.news.s02.e05.night.of.the.living.screen.(2017).eng.1cd

2. the.xfiles.s02.e21.the.calusari.(1995).eng.1cd

3. accused.s01.e07.brendas.story.().eng.1cd

4. friends.s01.e24.the.one.where.rachel.finds.out.(1995).eng.1cd

5. fantasy.island.s02.e02.hurricane.helenethe.bachelor.party.(2023).eng.1cd

6. beverly.hills.90210.s07.e27.i.only.have.eyes.for.you.(1997).eng.1cd

7. the.nanny.s02.e19.a.fine.friendship.(1995).eng.1cd

8. nevsu.s02.e03.nitzas.diet.(2020).eng.1cd

9. being.human.s03.e03.the.teens.they.are.a.changin.(2013).eng.1cd

Movie Title Search Engine

Enter words & sentences related to movies!

Enter your query:

that like near china jade the talismans are unpredictable dangerous you should not be playing with ther

Search

Top 10 Unique Names:

1. rush.s03.e22.episode.3.22.(2010).eng.1cd

2. the.rookie.s05.e06.the.reckoning.(2022).eng.1cd

3. detectorists.s01.e01.episode.1.(2014).eng.1cd

4. the.middle.s01.e12.the.neighbor.(2010).eng.1cd

5. hai.shi.shen.lou.(1987).eng.1cd

6. detectorists.s03.e02.episode.3.2.(2017).eng.1cd

7. my.dad.the.bounty.hunter.s01.e05.chillion5.(2023).eng.1cd

8. jackie.chan.adventures.s02.e39.the.amazing.tgirl.(2002).eng.1cd

search_enginee > ◆ app1122.py > ⊕ main

```python
1   import streamlit as st
2   import sqlite3
3   import numpy as np
4   from sklearn.metrics.pairwise import cosine_similarity
5   from sentence_transformers import SentenceTransformer
6
7   # Connect to the SQLite database
8   def connect_db(database_path):
9       conn = sqlite3.connect("data/chromadb1122.db")
10      return conn
11
12  def get_top_10_unique_names(query, conn, model):
13      c = conn.cursor()
14      query_embedding = model.encode([query])[0]  # Use [0] to get the single embedding from the list
15      similarities = []
16      c.execute("SELECT * FROM dd")
17      for row in c.fetchall():
18          dd_num, dd_name, dd_content_chunks, dd_embeddings = row  # Assuming the fourth column is not needed
19          try:
20              embeddings = np.fromstring(dd_embeddings[1:-1], sep=', ')  # Parse as numpy array
21              # Check if embeddings is a list of valid numbers
22              if embeddings.size == 0:  # Skip empty embeddings
23                  continue
24              similarity = cosine_similarity(query_embedding.reshape(1, -1), embeddings.reshape(1, -1))[0][0]
25              similarities.append((dd_name, similarity))
26          except Exception as e:
27              print(f"Error processing embeddings for {dd_name}: {e}")
28              continue
29      c.close()
30
31      sorted_names = [name for name, _ in sorted(similarities, key=lambda x: x[1], reverse=True)]
32      unique_names = []
33      for name in sorted_names:
34          if name not in unique_names:
35              unique_names.append(name)
36              if len(unique_names) == 10:
37                  break
```

```python
 12    def get_top_10_unique_names(query, conn, model):
 31        sorted_names = [name for name, _ in sorted(similarities, key=lambda x: x[1], reverse=True)]
 32        unique_names = []
 33        for name in sorted_names:
 34            if name not in unique_names:
 35                unique_names.append(name)
 36                if len(unique_names) == 10:
 37                    break
 38
 39        return unique_names
 40
 41    # Main function to run the Streamlit app
 42    def main():
 43        st.title('Movie Title Search Engine')
 44        st.header('Enter words & sentences related to movies!')
 45        query = st.text_input('Enter your query:')
 46        database_path = 'data/chromadb1122.db'
 47        model = SentenceTransformer('all-MiniLM-L6-v2')
 48
 49        if st.button('Search'):
 50            if query:
 51                try:
 52                    conn = connect_db(database_path)
 53                    top_10_unique_names = get_top_10_unique_names(query, conn, model)
 54                    if not top_10_unique_names:
 55                        st.write('No matches found.')
 56                    else:
 57                        st.write('Top 10 Unique Names:')
 58                        for i, name in enumerate(top_10_unique_names, start=1):
 59                            st.write(f"{i}. {name}")
 60                except Exception as e:
 61                    st.error(f"An error occurred: {e}")
 62                finally:
 63                    conn.close()
 64
 65    if __name__ == '__main__':
 66        main()
```