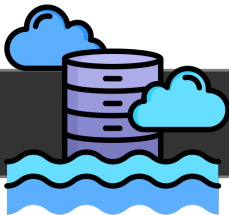


Q

Which songs appeared in a film produced by Alankar Chitra and directed by Shanker Mukherjee?



Data Discovery with Cross-modality Representations

Faraar (transl.Absconding) is a 1975 Bollywood crime film drama. The film is produced by Alankar Chitra and directed by Shanker Mukherjee. The film stars Amitabh Bachchan, Sharmila Tagore, Sanjeev Kumar, Sulochna, Sajjan, Agha and Bhagwan Dada...

P1

Source: <https://en.wikipedia.org/wiki/Faraar>

Year	Song	Film	...
1971	Zindagi Ek Safer	Andaz	...
1971	Yeh Jo Mohabbat	Kati Patang	...
1975	Main Pyaasa tum	Faraar	...
...

T1

Source: https://en.wikipedia.org/wiki/Kishore_Kumar

On-demand Natural Language Query Decomposition with LLM

Q1: The passage P1 has the following content: Faraar (transl.Absconding) is a 1975 Bollywood crime film drama. The film is produced by Alankar Chitra and directed by Shanker Mukherjee. The film stars Amitabh Bachchan, Sharmila Tagore, Sanjeev Kumar, Sulochna, Sajjan, Agha and Bhagwan Dada...
The table T1 has the following columns: Year, Song, Film, Music Director, Lyricist.
Based on P1 and T1, the question is “Which songs appeared in a film produced by Alankar Chitra and directed by Shanker Mukherjee?”.
What sub-questions can it be broken down into?

prompt0

LLM: q1 What is the name of the film produced by Alankar Chitra and directed by Shanker Mukherjee. It can be answered by P1.

Q2: The first sub-question is “What is the name of the film produced by Alankar Chitra and directed by Shanker Mukherjee?”, it can be answered by P1.

prompt1

LLM: q2 the second sub-question is “What is the name of the song in the film?”, it can be answered by T1.

“Faraar”

“Main Pyaasa tum”

res(q1) over P1

res(q2) over T1

res(Q)

Optimized Query Execution