



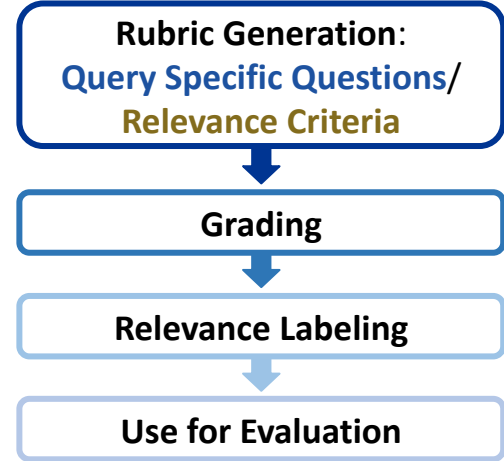
Deconstructing Relevance with LLMs for Information Retrieval Evaluation

Query: When did rock'n'roll begin?
Passages:

	Rubric Question 1 OR Relevance Criteria 1	Rubric Question 2 OR Relevance Criteria 2	Rubric Question 3 OR Relevance Criteria 3	Rubric Question 4 OR Relevance Criteria 4	Relevance Label
p1 ... listens to pop, rock, soul and whatnot. The rock and roll era began around 1950. It evolved from rhythm and blues in the 1940s. The name rock and roll was the title of a song by the Boswell Sisters in 1934 (YouTube), but that was a swing song.	4 2	4 2	0 3	4 2	4 3
p2 Definition of 'rock and roll'. rock and roll also rock'n'roll. uncountable noun. Rock and roll is a kind of popular music developed in the 1950s which has a strong beat and is played on electrical instruments Elvis Presley—the King of Rock and Roll the greatest rock 'n' roll band in the world, rock and roll or rock'n'roll.	5 3	0 2	0 2	4 3	4 3
p3 But you could just as well take the release of " Rocket 88 " in 1951 as the beginning of the rocknroll era, because that was the first rocknroll song. So far we have the years 1951 and 1952 to choose from. Maybe a certain date will turn up while we examine why rocknroll emerged at all.	0 3	0 1	4 3	0 2	4 3

Rubric

Grading Sheet



- Rubric based evaluation method of IR and Generative Systems
- **Query Specific Questions:** Decomposes queries into concise, answerable questions
- **Relevance Criteria:** Breaks down relevance into specific, pre-defined criteria
- Trustworthy evaluation - incorporates humans without over reliance on AI/LLM

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