

User Study

Instruction:

For each query, we provide its result table and the natural language summary of the result table. Please carefully read each query, the result table, and the result table summary. Then, answer the three questions by ranking the result on a 1-5 scale (where 5 is the highest score).

Query 1: Return the homepage of SIGMOD

Result Table:

Homepage url
http://www.sigmod.org

Summary: The table provides the homepage URL for SIGMOD, which is <http://www.sigmod.org>.

Fill the below table:

Question	Rank (1~5)
Is the summary relevant to the query?	
Is the summary understandable?	
Is the summary detailed enough, i.e. supply all relevant information?	

Query 2: Return the papers whose title contains 'OASSIS'

Result Table:

Paper Title
OASSIS: query driven crowd mining
OASSIS: Onboard Adaptive Safe-site Identification System

Summary: The table lists two papers with the title OASSIS: query driven crowd mining and OASSIS: Onboard Adaptive Safe-site Identification System.

Fill the below table:

Question	Rank (1~5)
Is the summary relevant to the query?	
Is the summary understandable?	

Is the summary detailed enough, i.e. supply all relevant information?	
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Query 3: Return the papers which were published in conferences in database area

Result Table:

Paper Title
SLAM: Efficient Sweep Line Algorithms for Kernel Density Visualization
Serenade - Low-Latency Session-Based Recommendation in e-Commerce at Scale
Sherman: A Write-Optimized Distributed B+Tree Index on Disaggregated Memory
P4DB - The Case for In-Network OLTP
HET-GMP: a Graph-based System Approach to Scaling Large Embedding Model Training
Compact Walks: Taming Knowledge-Graph Embeddings with Domain- and Task-Specific Pathways
Rethinking Stateful Stream Processing with RDMA
Optimizing Recursive Queries with Program Synthesis
Triton Join: Efficiently Scaling to a Large Join State on GPUs with Fast Interconnects
HYPERSONIC: A Hybrid Parallelization Approach for Scalable Complex Event Processing

Summary: The table lists ten paper titles from various research fields, including SLAM, Serenade, Sherman, P4DB, HET-GMP, Compact Walks, Rethinking Stateful Stream Processing with RDMA, Optimizing Recursive Queries with Program Synthesis, Triton Join, and HYPERSOINIC.

Fill the below table:

Question	Rank (1~5)
Is the summary relevant to the query?	
Is the summary understandable?	
Is the summary detailed enough, i.e. supply all relevant information?	

Query 4: Return the authors who published papers in SIGMOD after 2005

Result Table:

Author name
Tsz Nam Chan
Leong Hou U
Byron Choi
Jianliang Xu
Barrie Kersbergen
Olivier Sprangers
Sebastian Schelter
Qing Wang
Youyou Lu
Jiwu Shu

Summary: The table lists ten author names from various publications: Tsz Nam Chan, Leong Hou U, Byron Choi, Jianliang Xu, Barrie Kersbergen, Olivier Sprangers, Sebastian Schelter, Qing Wang, Youyou Lu, and Jiwu Shu.

Fill the below table:

Question	Rank (1~5)
Is the summary relevant to the query?	
Is the summary understandable?	
Is the summary detailed enough, i.e. supply all relevant information?	

Query 5: Return the authors who published papers in database conferences

Result Table:

Author name
Tsz Nam Chan
Leong Hou U
Byron Choi
Jianliang Xu
Barrie Kersbergen
Olivier Sprangers
Sebastian Schelter
Qing Wang
Youyou Lu
Jiwu Shu
Matthias Jasny
Lasse Thostrup

Summary: 12 authors are listed in the table, including Tsz Nam Chan, Leong Hou U, Byron Choi, Jianliang Xu, Barrie Kersbergen, Olivier Sprangers, Sebastian Schelter, Qing Wang, Youyou Lu, Jiwu Shu, Matthias Jasny, and Lasse Thostrup.

Fill the below table:

Question	Rank (1~5)
Is the summary relevant to the query?	
Is the summary understandable?	
Is the summary detailed enough, i.e. supply all relevant information?	

Query 6: Return the organization of authors who published papers in database conferences after 2005

Result Table:

Organization name
University of Macau
Hong Kong Baptist University
University of Amsterdam
Peking University
NCSU

Summary: The table lists five universities, namely University of Macau, Hong Kong Baptist University, University of Amsterdam, Peking University, and NCSU.

Fill the below table:

Question	Rank (1~5)
Is the summary relevant to the query?	
Is the summary understandable?	
Is the summary detailed enough, i.e. supply all relevant information?	