



ADAPT-SQL Batch Processing

Process multiple queries with automatic checkpoints and comprehensive statistics



Batch Configuration

Start Index

0

End Index

999

Total Queries

1000

Checkpoint Every

50

Enabled:

☒ Validation Retry | ☒ Execution | ☒ Evaluation | ☒ Full Retry (max 5, score ≥ 0.8)

Run Batch Processing



System Performance Overview



Key Performance Indicators

Total Queries

1000

Valid SQL

100.0%

↑ 1000/1000

Execution

99.3%

↑ 993/1000

EX = 1.0

93.7%

↑ 937/1000

EM = 1.0

35.6%

↑ 356/1000

Avg Score

0.821



Complexity Distribution & Performance

☒ EASY

Count: 283 (28.3%)

Valid: 283/283 (100.0%)

EX=1.0: 280 (98.9%)

Avg Score: 0.879

NON_NESTED

Count: 596 (59.6%)

Valid: 596/596 (100.0%)

EX=1.0: 554 (93.0%)

Avg Score: 0.819

NESTED

Count: 121 (12.1%)

Valid: 121/121 (100.0%)

EX=1.0: 103 (85.1%)

Avg Score: 0.694



Execution Performance

Executed

1000

Success Rate

99.3%

↑ 993/1000

Avg Time

0.011s

Failed

7

↓ -7

Common Execution Errors:

• Operational error: 7 occurrences



Spider Benchmark Results



Execution Accuracy (EX)

Primary metric - Results match exactly



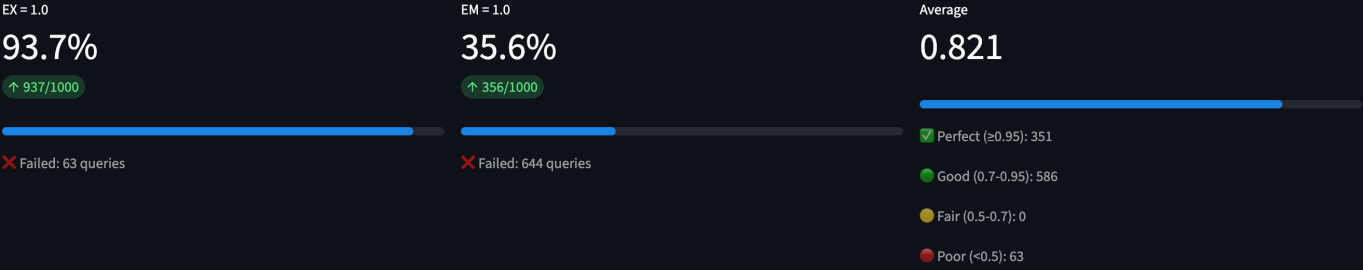
Exact-Set-Match (EM)

Secondary metric - SQL structure matches

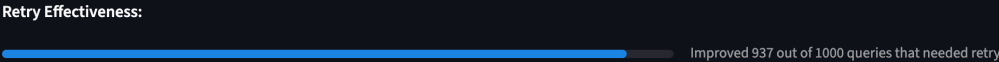
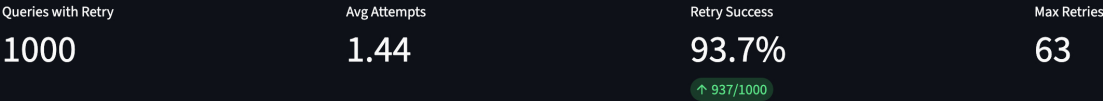


Composite Score

Weighted: 80% EX + 20% EM



Full Pipeline Retry Performance



Error Analysis

✓ No validation errors found!

Generation Strategy Performance

Intermediate Representation	Simple Few Shot	Decomposed Generation
Queries: 596	Queries: 283	Queries: 121
Valid: 596/596 (100.0%)	Valid: 283/283 (100.0%)	Valid: 121/121 (100.0%)
EX=1.0: 554/596 (93.0%)	EX=1.0: 280/283 (98.9%)	EX=1.0: 103/121 (85.1%)
Avg Score: 0.819	Avg Score: 0.879	Avg Score: 0.694