

# Rapid Miner :

## Setting up the connection -

The screenshot shows the RapidMiner Studio interface with a new process design. The 'Process' view is active, showing a 'Read Database' operator connected to an input port. The 'Parameters' panel on the right is configured with 'repository' as the connection, 'query' as the query, and 'Build SQL Query...' as the query type. The 'Help' panel on the right provides details about the 'Read Database' operator, including its tags and synopsis.

**Repository**

- ticket (root - v1)
- warehouse (root - v1)
- year (root - v1)
- Local Repository (welcome)
- Connections (welcome)
- olap (welcome - v1, 1/27/2020)
- data (welcome)
- processes (welcome)
- Query1 (welcome - v1, 1/27/2020)

**Operators**

- Data Access (53)
- Files (21)
- Database (3)
- Read Database
- Write Database
- Update Database
- Applications (9)
- Cloud Storage (14)

**Parameters**

- define connection: repository
- connection entry: [empty]
- define query: query
- query: Build SQL Query...

**Help**

**Read Database**

JDBC Connectors

Tags: Load, Import, Read, Data, Datasets, Databases, JDBC, ODBC, Tables, Connection, Database

**Synopsis**

This operator reads an ExampleSet from a SQL database.

[Jump to Tutorial Process](#)

## Running the query -

The screenshot shows the 'Results' view of the RapidMiner Studio interface. The 'ExampleSet (/Local Repository/processes/Query1)' is displayed, showing a table with 34 rows and 12 columns. The columns are: Row No., region, subregion, warehouse, year, month, day, num\_day, book, book price, sell\_by\_pro..., and ticket\_num. The data is filtered to show 34 / 34 examples.

Row No.	region	subregion	warehouse	year	month	day	num_day	book	book price	sell_by_pro...	ticket_num
1	America	Iceland	7	1	11	314	10	Book 16 for th...	125.990	15	1
2	America	Canada	6	1	3	66	7	Tell me you a...	23.600	225	8
3	America	Canada	5	1	3	88	29	Book 18 Glory	84.500	35	11
4	America	Canada	6	1	8	233	21	Book 14 for th...	240	364	11
5	Australia	Sydney	10	1	12	345	11	Paradise Sk...	145	48	1
6	Australia	Queensland	14	1	2	52	21	Book 12 for C...	124.500	275	1
7	Australia	Queensland	13	1	3	64	5	A Gentleman ...	384	90	4
8	Australia	Queensland	14	1	5	129	9	Book 14 for th...	240	637	6
9	Australia	Northern Terr...	16	1	3	60	1	The spy and L...	200	74	6
10	Australia	Sydney	10	1	11	328	24	Book 16 for th...	125.990	105	7
11	Australia	New South W...	12	1	1	7	7	A Gentleman ...	384	210	7
12	Australia	Sydney	10	1	12	355	21	Book 20 Asia...	1434.500	198	9
13	Australia	Queensland	13	1	2	54	23	Book 19 day f...	65	246	9
14	Australia	New South W...	11	1	8	217	5	A Gentleman ...	384	30	11
15	Asia	Central Asia	23	1	4	91	1	Paradise Sk...	145	16	2
16	Asia	Eastern Asia	22	1	6	167	16	Texas Glory	94.500	56	3

ExampleSet (34 examples, 0 special attributes, 11 regular attributes)

# Required Outputs

The screenshot displays the RapidMiner Studio Educational 9.5.001 interface. The main workspace shows a process design canvas with the following operators connected in a sequence: Retrieve Query1, Aggregate, Pivot, Rename by Replacing, Replace Missing Values, Numerical to Binomial, Set Role, FP-Growth, and Create Association. The interface includes a Repository panel on the left with sections for Training Resources, Community Samples, Samples, DB (Legacy), and Local Repository. The Process panel in the center shows the current process design. The Parameters panel on the right shows the logverbosity and logfile settings. The Help panel on the right provides information about the Process operator, including its synopsis and description.

Size	Support	Item 1	Item 2
1	0.062	Book 16 for the Nigh Charter	
1	0.062	Book 14 for the spy and the traitor	
1	0.062	Book 13 for you	
1	0.062	Book 12 for Crazy Rich Asians	
1	0.062	Book 10 for Texas	
1	0.062	A Gentleman Never Keeps Score	
2	0.062	warehouse_The spy and the traitor	The spy and the traitor
2	0.062	warehouse_Texas Glory	Texas Glory
2	0.062	warehouse_Tell me you are mine	Tell me you are mine
2	0.062	warehouse_Paradise Sky by Jose Lansdale	Paradise Sky by Jose Lansdale
2	0.062	warehouse_Crazy Rich Asians	Crazy Rich Asians
2	0.062	warehouse_Book 21 for the Bible	Book 21 for the Bible
2	0.062	warehouse_Book 20 Asians	Book 20 Asians
2	0.062	warehouse_Book 19 day friends	Book 19 day friends
2	0.062	warehouse_Book 18 Glory	Book 18 Glory
2	0.062	warehouse_Book 17 Keeps Score	Book 17 Keeps Score
2	0.062	warehouse_Book 16 for the Nigh Charter	Book 16 for the Nigh Charter
2	0.062	warehouse_Book 14 for the spy and the traitor	Book 14 for the spy and the traitor
2	0.062	warehouse_Book 13 for you	Book 13 for you
2	0.062	warehouse_Book 12 for Crazy Rich Asians	Book 12 for Crazy Rich Asians