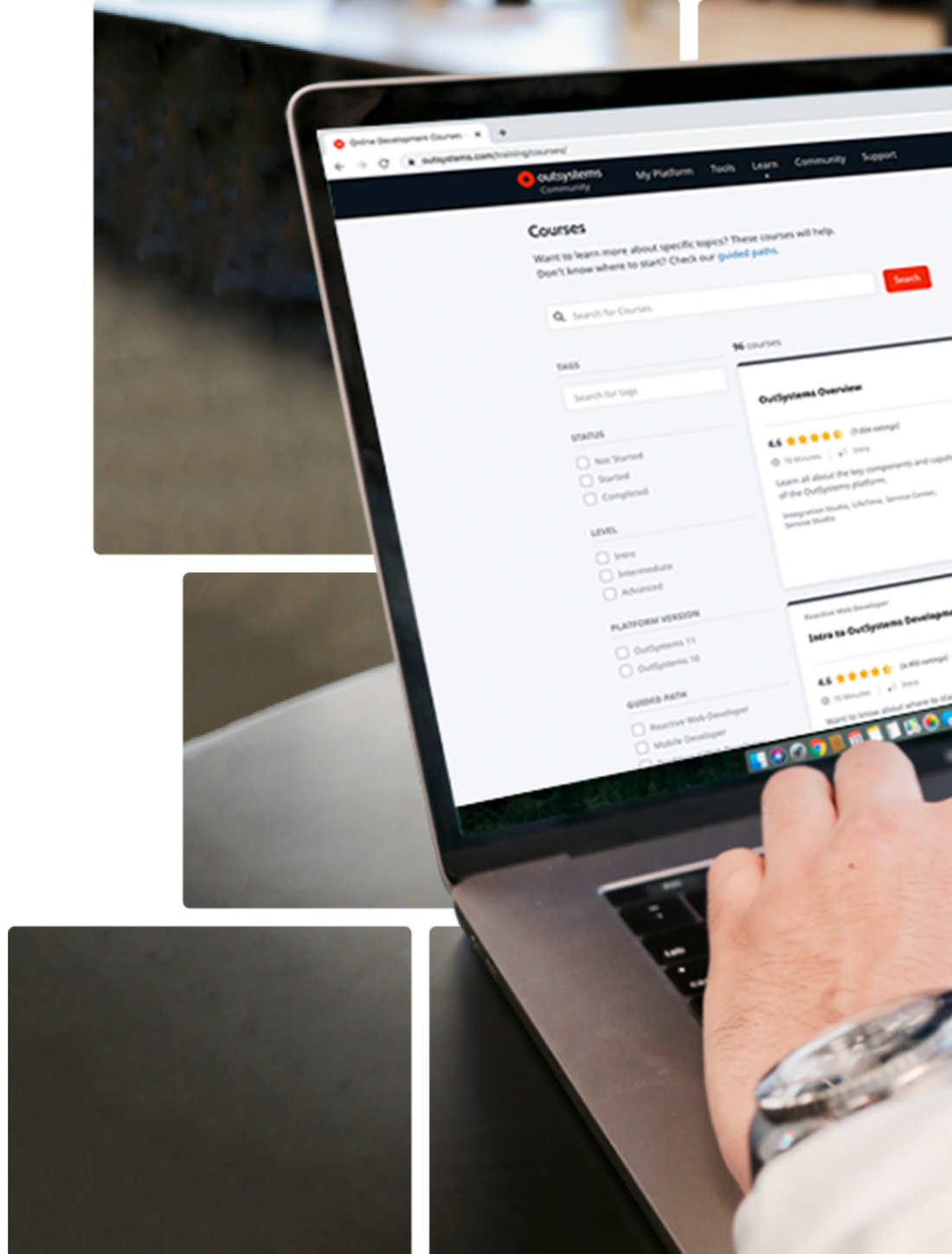
outsystems

Aggregates
Outputs and Properties

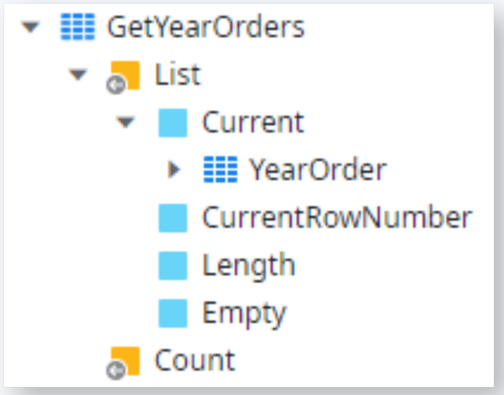


Outputs

Properties

Aggregates as SQL

Outputs

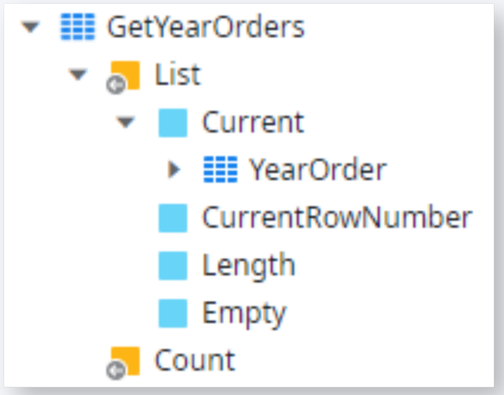


List of Records returned

- Iterator: Current, CurrentRowNumber

- *Length*
- *Empty*

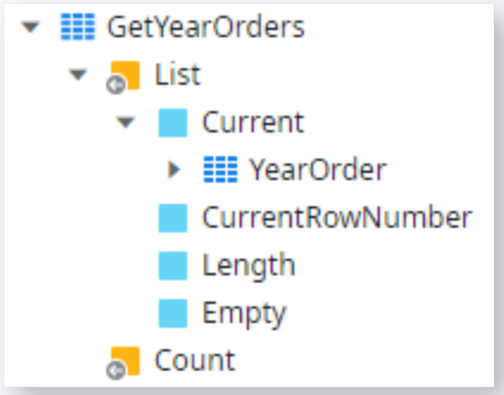
Outputs



List of Records returned

- Iterator: *Current*, *CurrentRowNumber*
  - The *Current* cursor moves through the List when iterating
  - Type matches the definition in the query
  - *Current* points at first row by default
  - Filled in with default values if no rows returned by query
- *Length*
- *Empty*

Outputs



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- *Length* - number of elements returned
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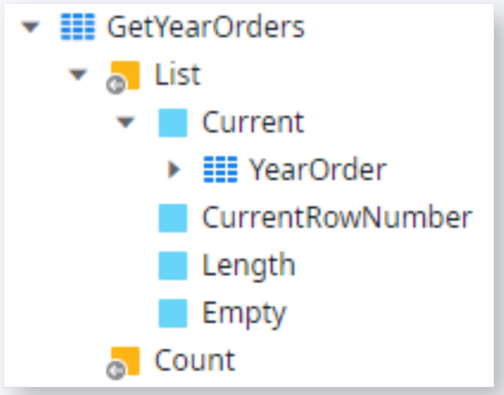
Outputs



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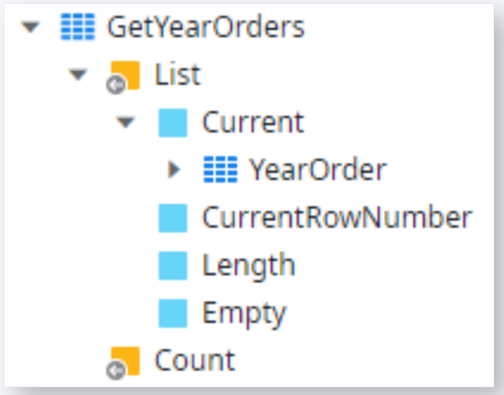
Outputs



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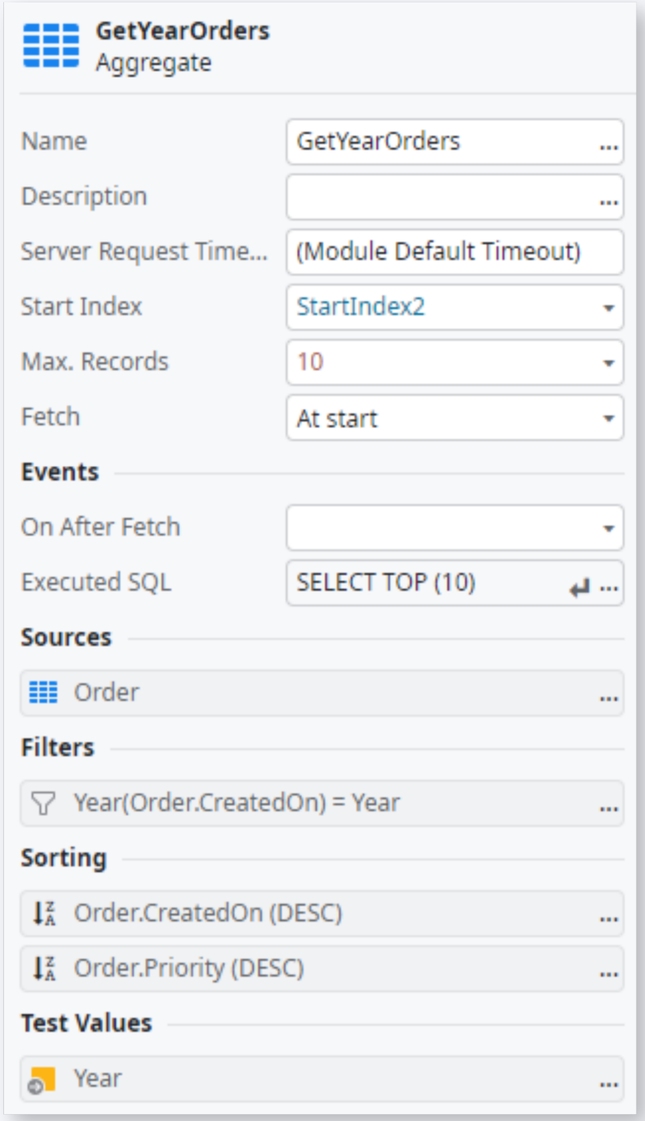
- Length - number of elements returned
- Empty - True if no records were returned

Count has the total number of records that match the criterias defined in the Aggregate

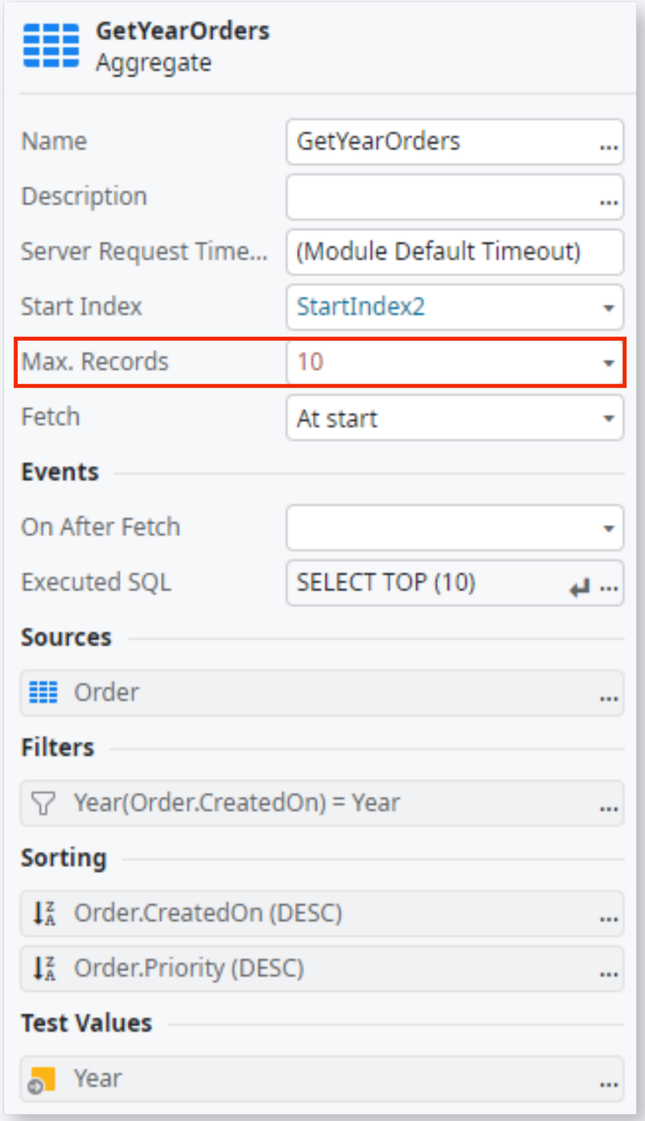
Properties


GetYearOrders
Aggregate
Name
GetYearOrders
Description
Server Request Time...
(Module Default Timeout)
Start Index
StartIndex2
Max. Records
10
Fetch
At start
Events
On After Fetch
Executed SQL
SELECT TOP (10)
Sources
Order
Filters
Year(Order.CreatedOn) = Year
Sorting
Order.CreatedOn (DESC)
Order.Priority (DESC)
Test Values
Year

Properties

It is possible to limit the Aggregate's output to a maximum number of records

- **Max. Records** property
- Does not impact the Count output



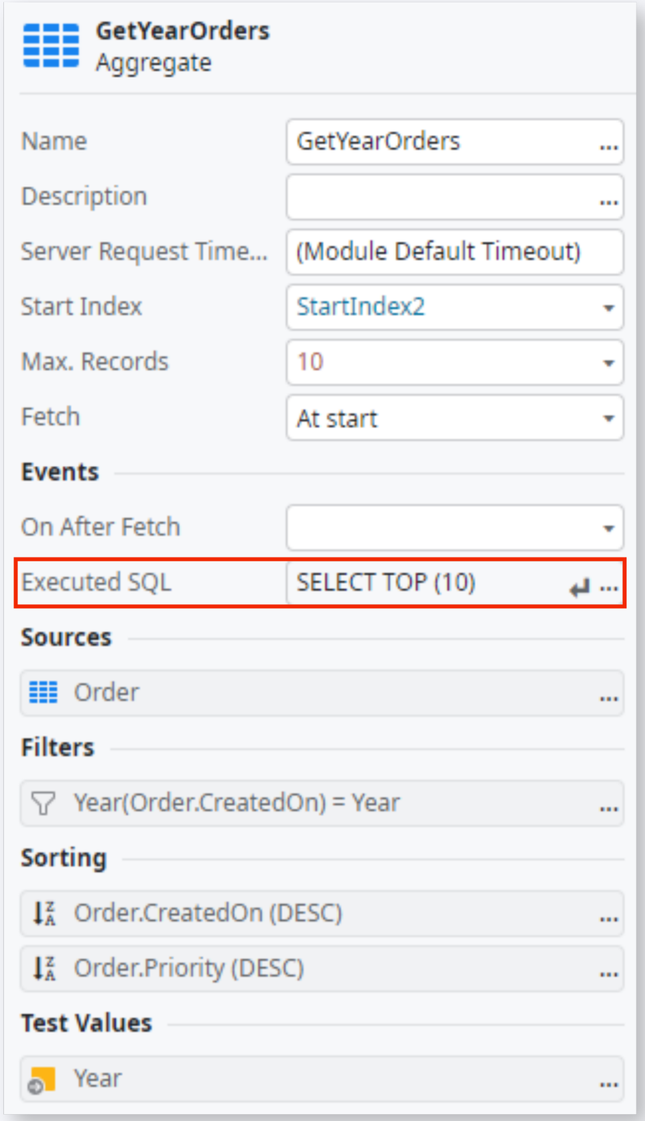
Properties

It is possible to limit the Aggregate's output to a maximum number of records

- **Max. Records** property
- Does not impact the Count output

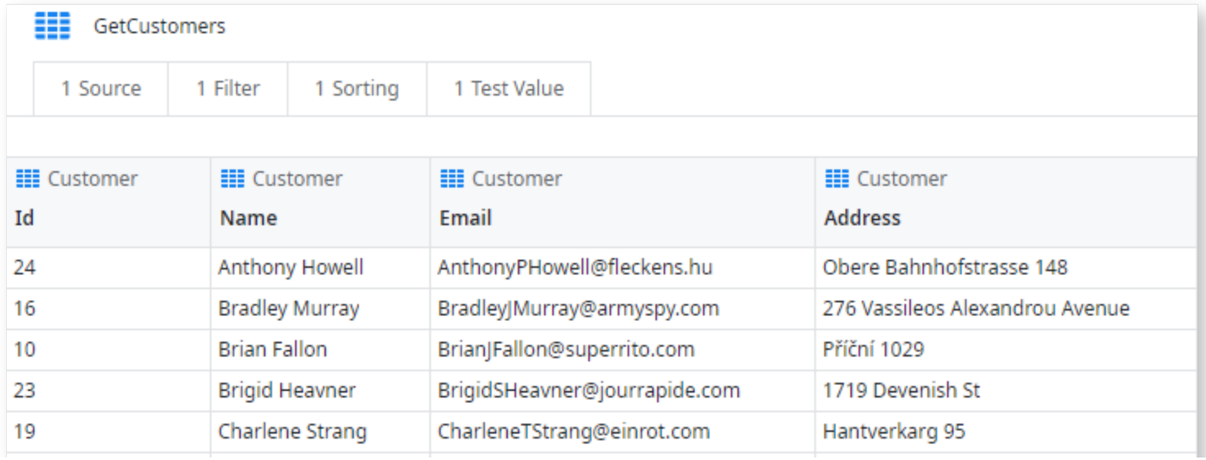
Aggregate Editor is SQL-dialect agnostic

- **Executed SQL** property shows the SQL statement generated from the Aggregate
- SQL is generated according to the DBMS used



Aggregates as SQL

```
SELECT ... FROM {Entities} WHERE {Filters} ORDER BY {Sorting}
```



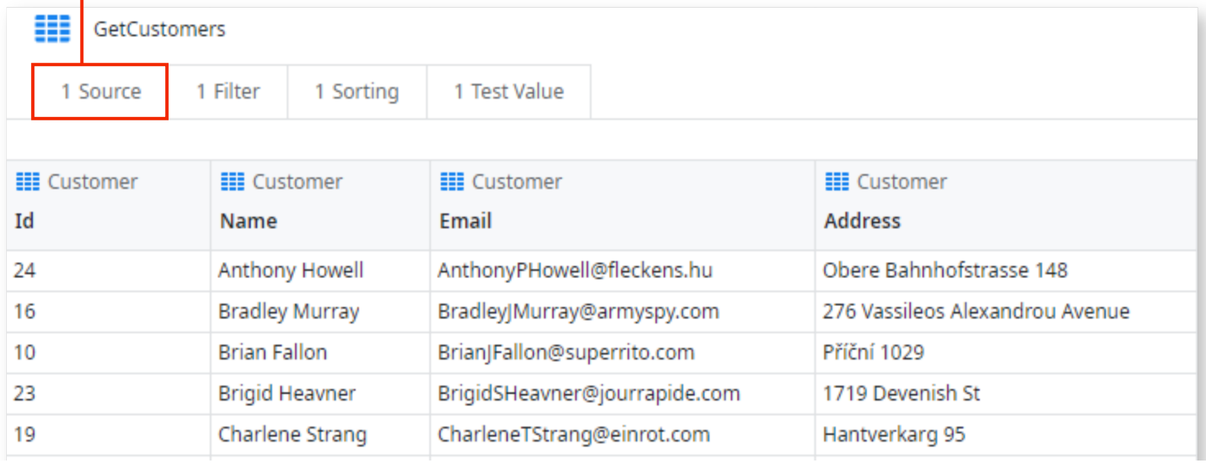
GetCustomers

1 Source | 1 Filter | 1 Sorting | 1 Test Value

Customer Id	Customer Name	Customer Email	Customer Address
24	Anthony Howell	AnthonyPHowell@fleckens.hu	Obere Bahnhofstrasse 148
16	Bradley Murray	BradleyJMurray@armyspy.com	276 Vassileos Alexandrou Avenue
10	Brian Fallon	BrianJFallon@superrito.com	Příční 1029
23	Brigid Heavner	BrigidSHeavner@jourrapide.com	1719 Devenish St
19	Charlene Strang	CharleneTStrang@einrot.com	Hantverkarg 95

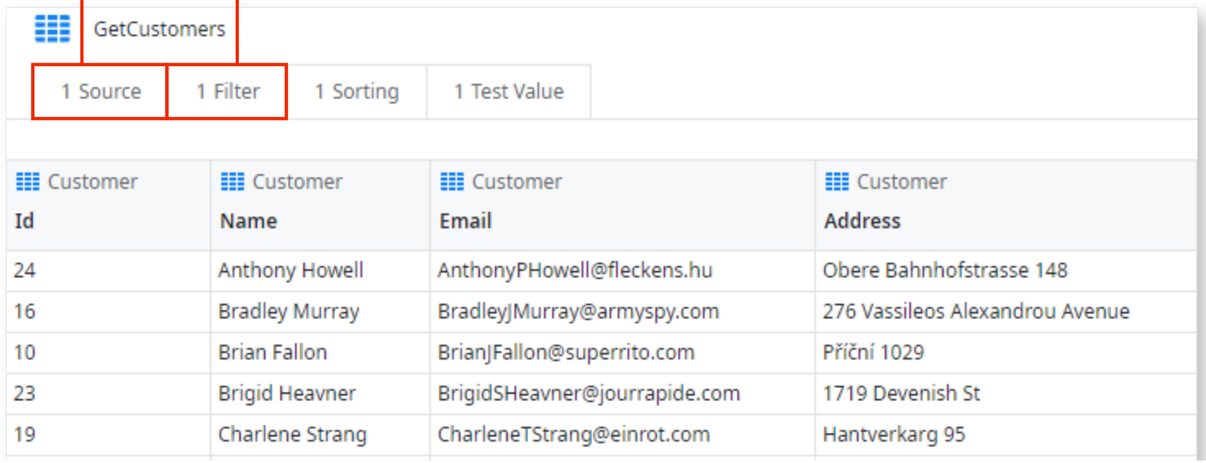
Aggregates as SQL

```
SELECT ... FROM {Entities} WHERE {Filters} ORDER BY {Sorting}
```



Aggregates as SQL

```
SELECT ... FROM {Entities} WHERE {Filters} ORDER BY {Sorting}
```



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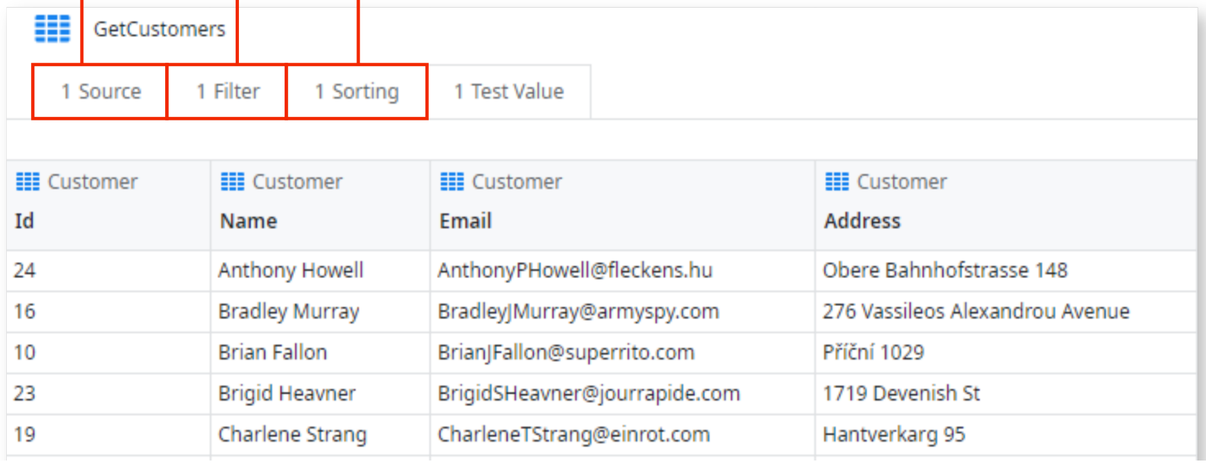

Aggregates as SQL

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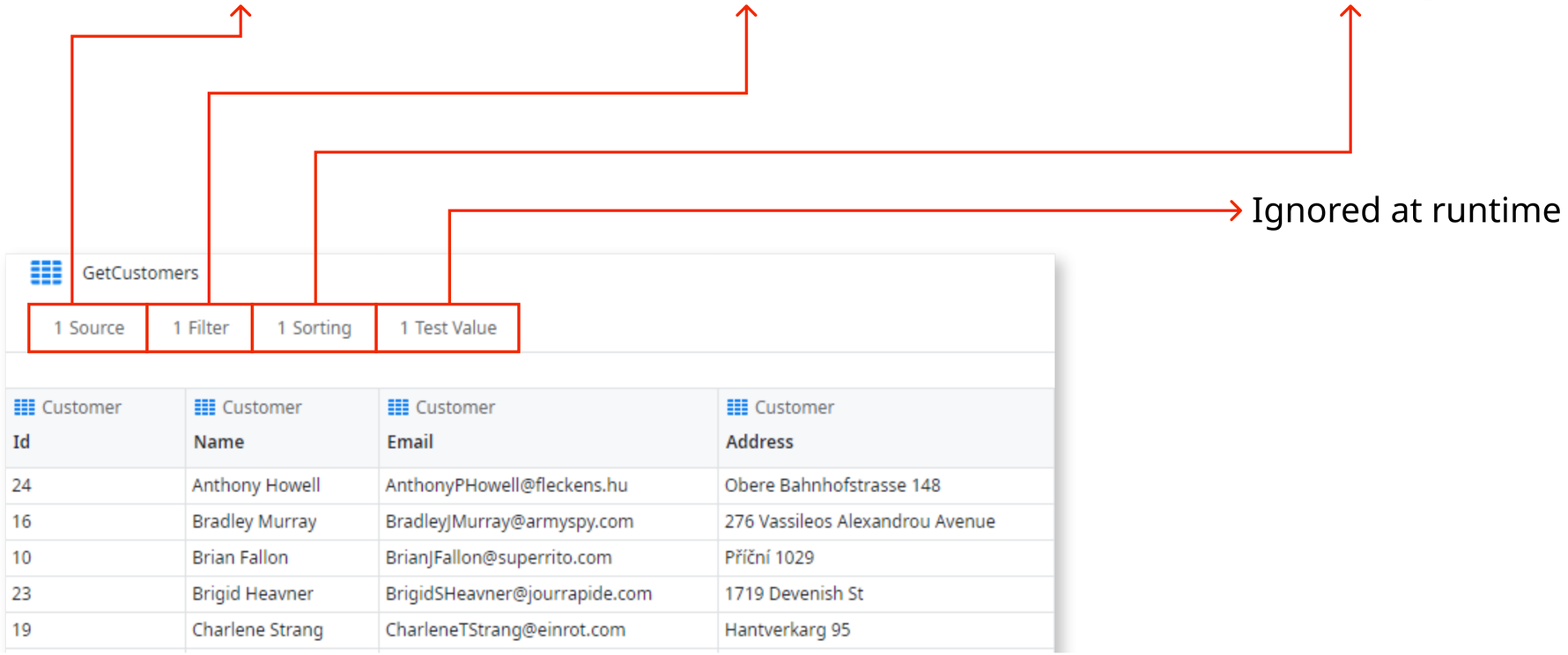
```



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Aggregates as SQL