

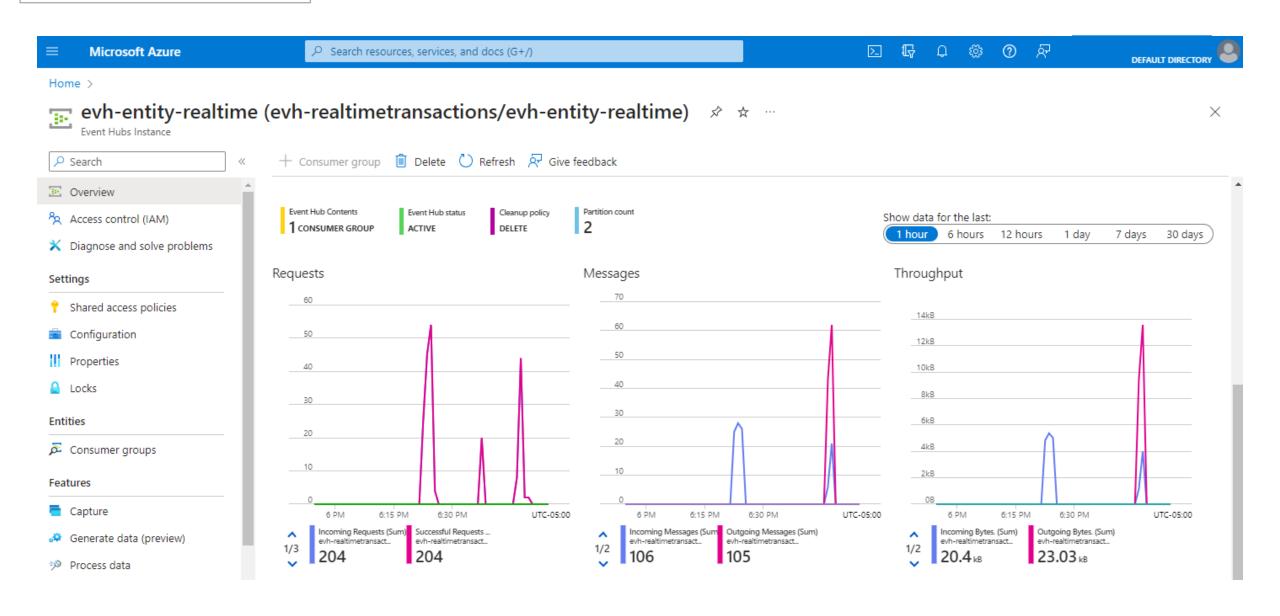
WRITING EVENTS

```
(transaction simulator)
pierr@DESKTOP-80UJGFO MINGW64 /g/DATAENGINEER REPOSITORIES/PROJECTS/Real Time Trans
tions - Azure/transaction simulator (main)
$ python write-transactions-stream.py
{'id registro': '616ea835-4128-49d5-bcf1-d66e86ecaece', 'date': '2024-02-07 18:45:3
 , 'client': 'Soledad Sanz', 'transaction type': 'retiro', 'amount': 9188.59}
{'id registro': '47e79750-be30-41d5-b280-6149e4c06fa7', 'date': '2024-02-07 18:45:4
 'client': 'Alisa Perko', 'transaction type': 'deposito', 'amount': 5369.47}
{'id registro': 'a2f615eb-54d8-4fbc-9b8e-1f018dd76b9c', 'date': '2024-02-07 18:45:4
 'client': 'Susanna Sims', 'transaction type': 'deposito', 'amount': 8200.68}
('id registro': 'c728d563-bf3b-4ff2-b231-014e561eb5de', 'date': '2024-02-07 18:45:4
 'client': 'Jeremiah Henry', 'transaction_type': 'deposito', 'amount': 6853.05}
{'id registro': '6a2d3121-0e76-45bb-a196-9c03709e3c52', 'date': '2024-02-07 18:45:4
 'client': 'Carmelo Gallego', 'transaction type': 'deposito', 'amount': 6449.67}
('id registro': 'd22c9898-1566-4822-83b7-cfd5630a483b', 'date': '2024-02-07 18:45:5
 'client': 'Todd Duncan', 'transaction type': 'deposito', 'amount': 6481.71}
{'id registro': '670970e3-fc8c-46b6-b2e0-92ee365d32e4', 'date': '2024-02-07 18:45:5
  'client': 'Vetle Frivold', 'transaction type': 'retiro', 'amount': 3130.95}
('id registro': 'ec61c3b3-ce34-4706-9152-4d286e994fc6', 'date': '2024-02-07 18:45:5
, 'client': 'Mehmet Sieber', 'transaction type': 'retiro', 'amount': 2132.46}
{'id registro': 'fd365c5f-99f4-4437-94c2-9e37aa76893c', 'date': '2024-02-07 18:45:5
, 'client': 'Armando Berry', 'transaction type': 'retiro', 'amount': 3999.41}
{'id registro': 'be6e0966-8d91-4e04-aee8-ce3a14e38cf6', 'date': '2024-02-07 18:45:5
 , 'client': 'Hailey Roy', 'transaction type': 'deposito', 'amount': 5064.25}
{'id registro': 'b5943257-90c6-43ae-8c5f-af1636ab58e0', 'date': '2024-02-07 18:46:0
  'client': 'Miguel Ángel Riojas', 'transaction type': 'retiro', 'amount': 5156.18}
{'id registro': '055b7c8c-2f9d-4954-834a-f46d106214a9', 'date': '2024-02-07 18:46:0
 'client': 'Angela Bailey', 'transaction type': 'deposito', 'amount': 4442.12}
{'id registro': '3da9f3c8-8238-4ea5-b937-969caaa234be', 'date': '2024-02-07 18:46:0
 'client': 'Rossano da Cruz', 'transaction type': 'retiro', 'amount': 24.56}
{'id registro': '9926f029-8d6f-42e5-91bd-5dd615f73300', 'date': '2024-02-07 18:46:0
 'client': 'Asklipiya Tatarenko', 'transaction type': 'retiro', 'amount': 5302.31}
```

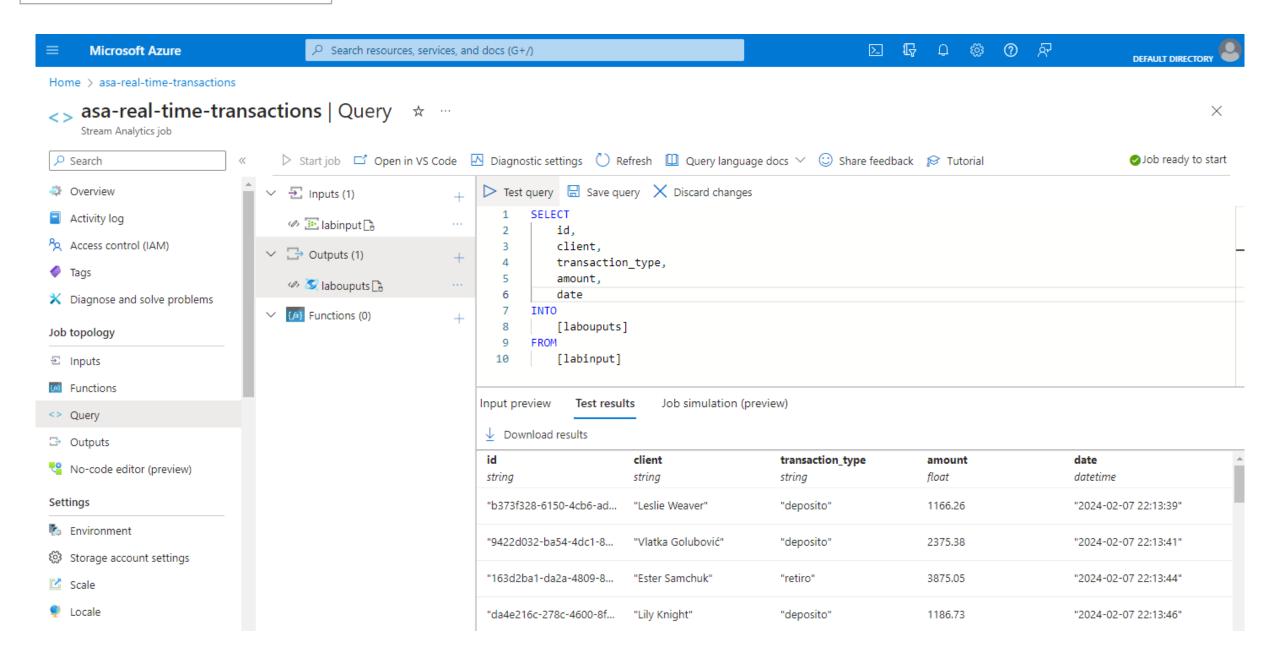
RECEIVING EVENTS

```
(transaction simulator)
pierr@DESKTOP-80UJGFO MINGW64 /g/DATAENGINEER REPOSITORIES/PROJECTS/Real T
actions - Azure/transaction_simulator (main)
$ python recv-transactions-stream.py
Received event from partition: 1.
{ body: '{"id registro": "42bf37e3-3584-4337-ad78-88b5bf2e4b8b", "date": "
7 18:20:56", "client": "Rosa Larsen", "transaction_type": "retiro", "amoun
43}', properties: {}, offset: 0, enqueued time=datetime.datetime(2024, 2,
, 57, 660000, tzinfo=datetime.timezone.utc) }
Received event from partition: 0.
{ body: '{"id registro": "1e9a9f05-2fdd-4933-9d5e-3a522b8a4325", "date": "
7 18:20:58", "client": "Jessie Owens", "transaction type": "deposito", "am
22.24}', properties: {}, offset: 0, enqueued time=datetime.datetime(2024,
 20, 59, 957000, tzinfo=datetime.timezone.utc) }
Received event from partition: 1.
{ body: '{"id registro": "aaa924e8-5595-4ba9-824a-3d409c334239", "date": "
7 18:21:00", "client": "Beatrice Carpentier", "transaction type": "deposit
nt": 503.37}', properties: {}, offset: 216, sequence number: 1, enqueued t
ime.datetime(2024, 2, 7, 23, 21, 2, 144000, tzinfo=datetime.timezone.utc)
Received event from partition: 0.
{ body: '{"id registro": "0de12620-1c2d-48fd-a951-34a89cd0a2ad", "date": '
7 18:21:02", "client": "Sophie Jackson", "transaction type": "retiro", "am
61.46}', properties: {}, offset: 216, sequence number: 1, enqueued time=da
tetime(2024, 2, 7, 23, 21, 4, 285000, tzinfo=datetime.timezone.utc) }
Received event from partition: 1.
{ body: '{"id registro": "c28e2a1d-4177-490d-aa71-3d6834818dca", "date": '
7 18:21:04", "client": "Vincent Hughes", "transaction type": "deposito",
814.43}', properties: {}, offset: 440, sequence number: 2, enqueued time=d
atetime(2024, 2, 7, 23, 21, 6, 425000, tzinfo=datetime.timezone.utc) }
Received event from partition: 0.
{ body: '{"id registro": "a576eb4a-e218-4dcc-b4e4-f7ba8c4dd980", "date": '
7 18:21:07", "client": "Priscilla West", "transaction type": "retiro", "am
69.59}', properties: {}, offset: 432, sequence number: 2, enqueued time=da
tetime(2024, 2, 7, 23, 21, 8, 582000, tzinfo=datetime.timezone.utc) }
```

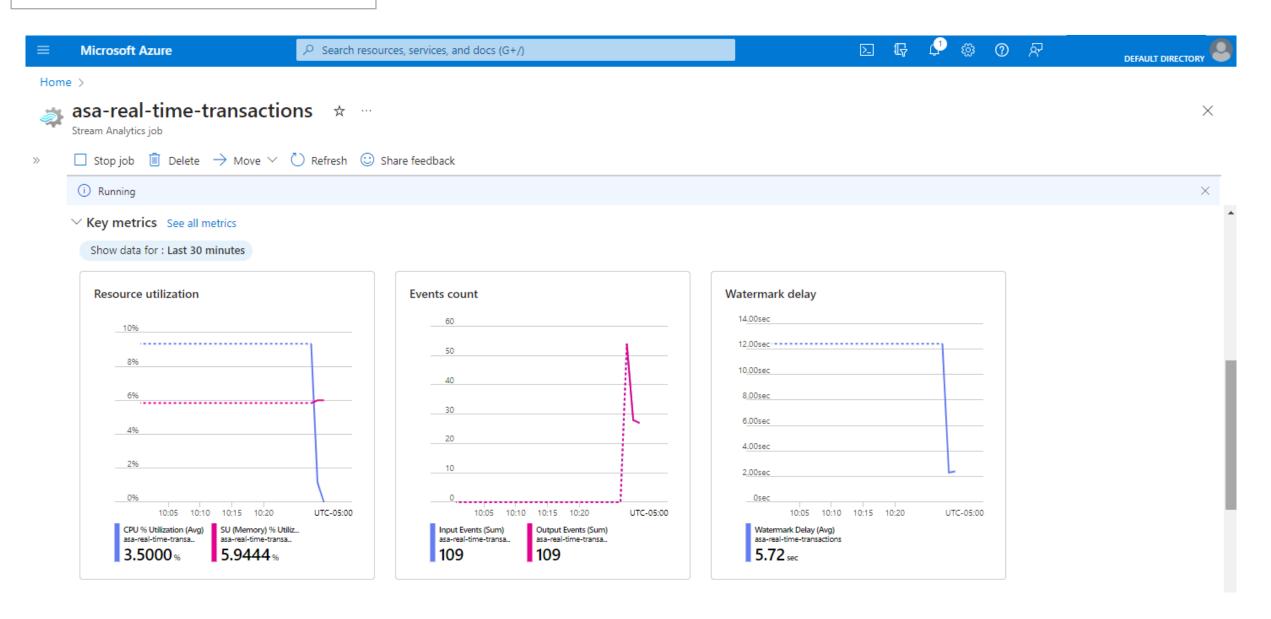
EVENT HUBS - OVERVIEW



STREAM ANALYTICS - QUERY



STREAM ANALYTICS - OVERVIEW



COSMOS DB – DATA QUERY

