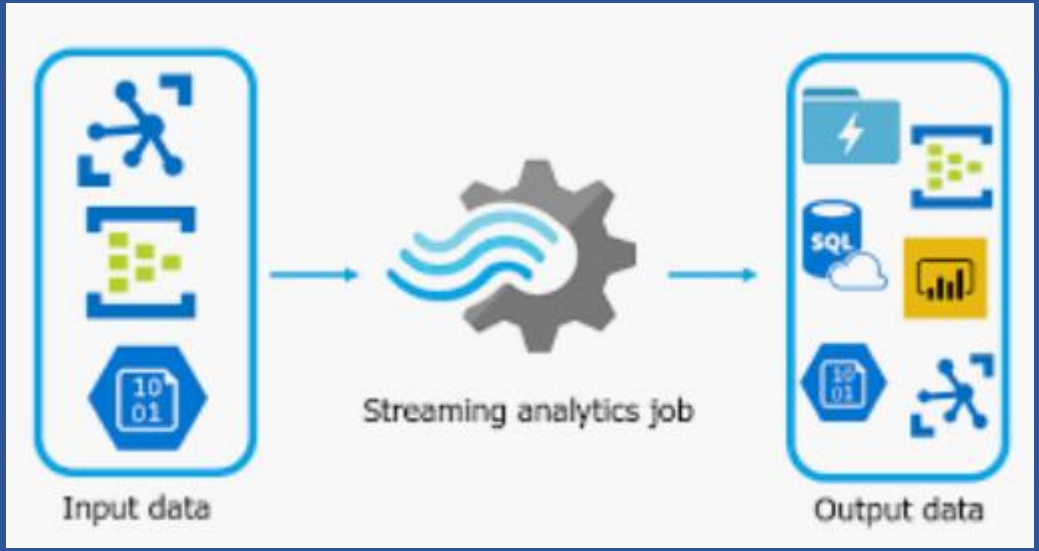
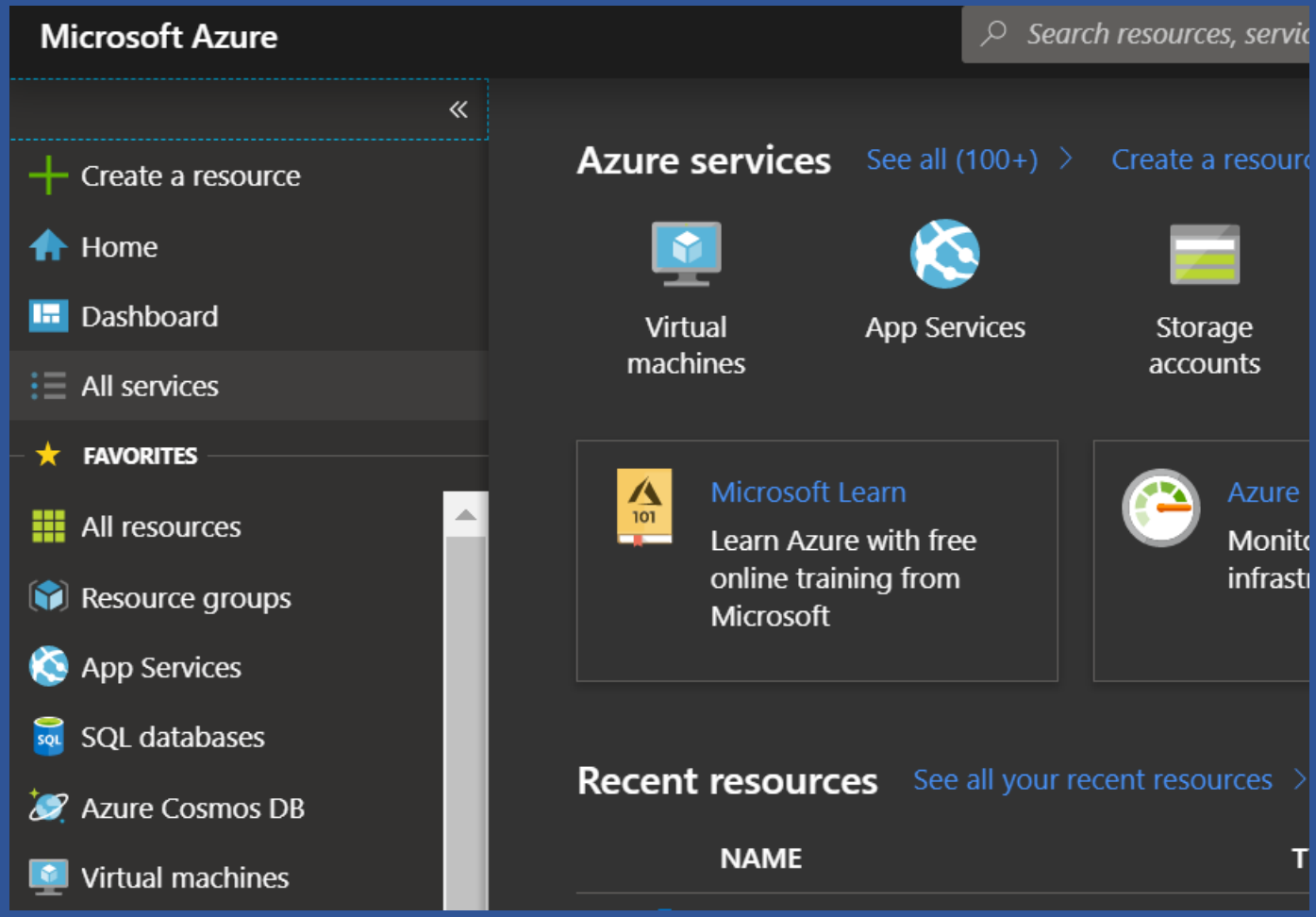
Create Azure Stream Analytics Job



Create Azure Stream Analytics Job

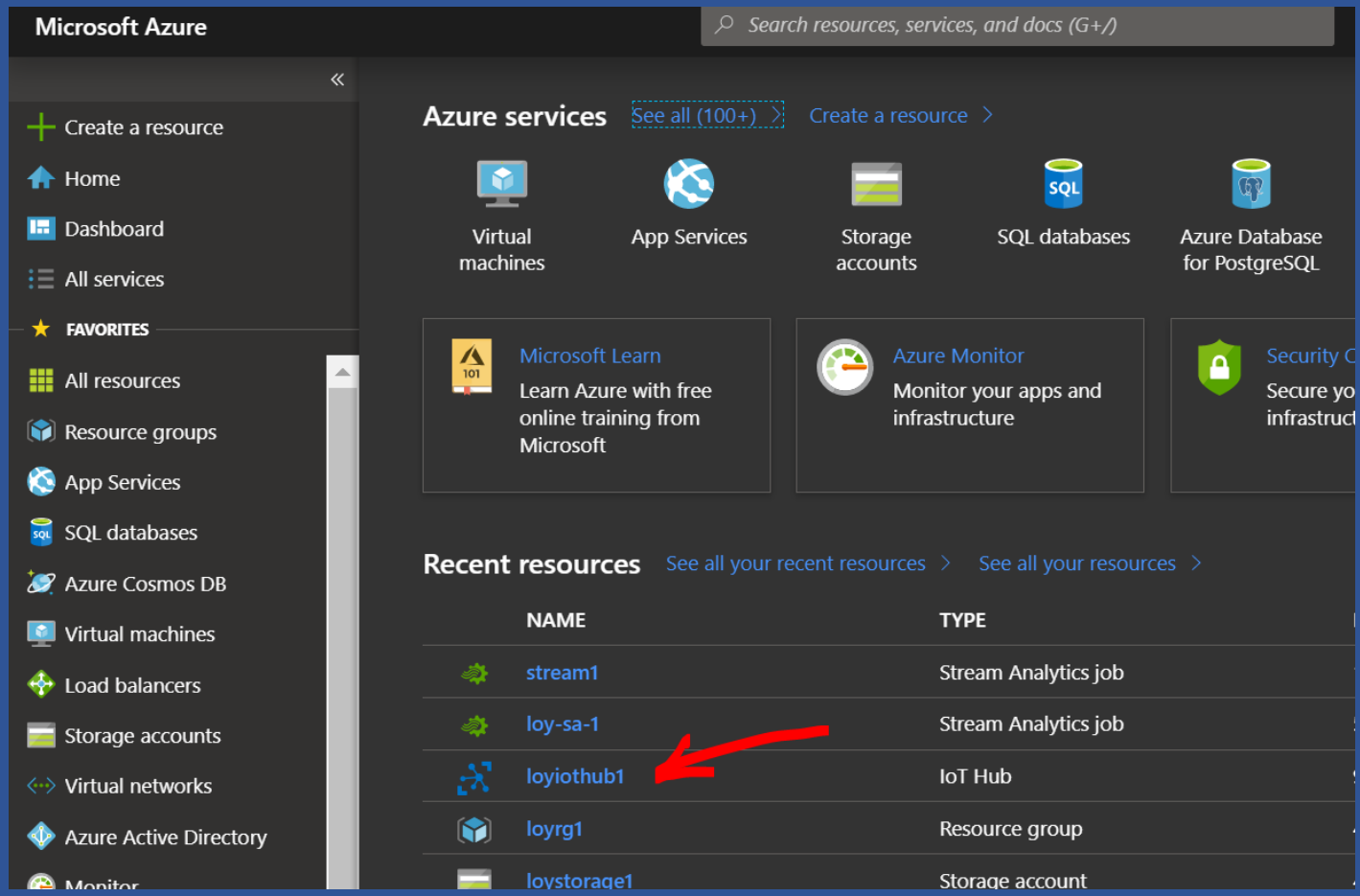
1. Open Azure Portal
2. Create Consumer Group
3. Create Storage Account
4. Create New Stream Analytics Job
5. Setup Input
6. Setup Output
7. Write query

Go to Azure Dashboard
https://portal.azure.com/

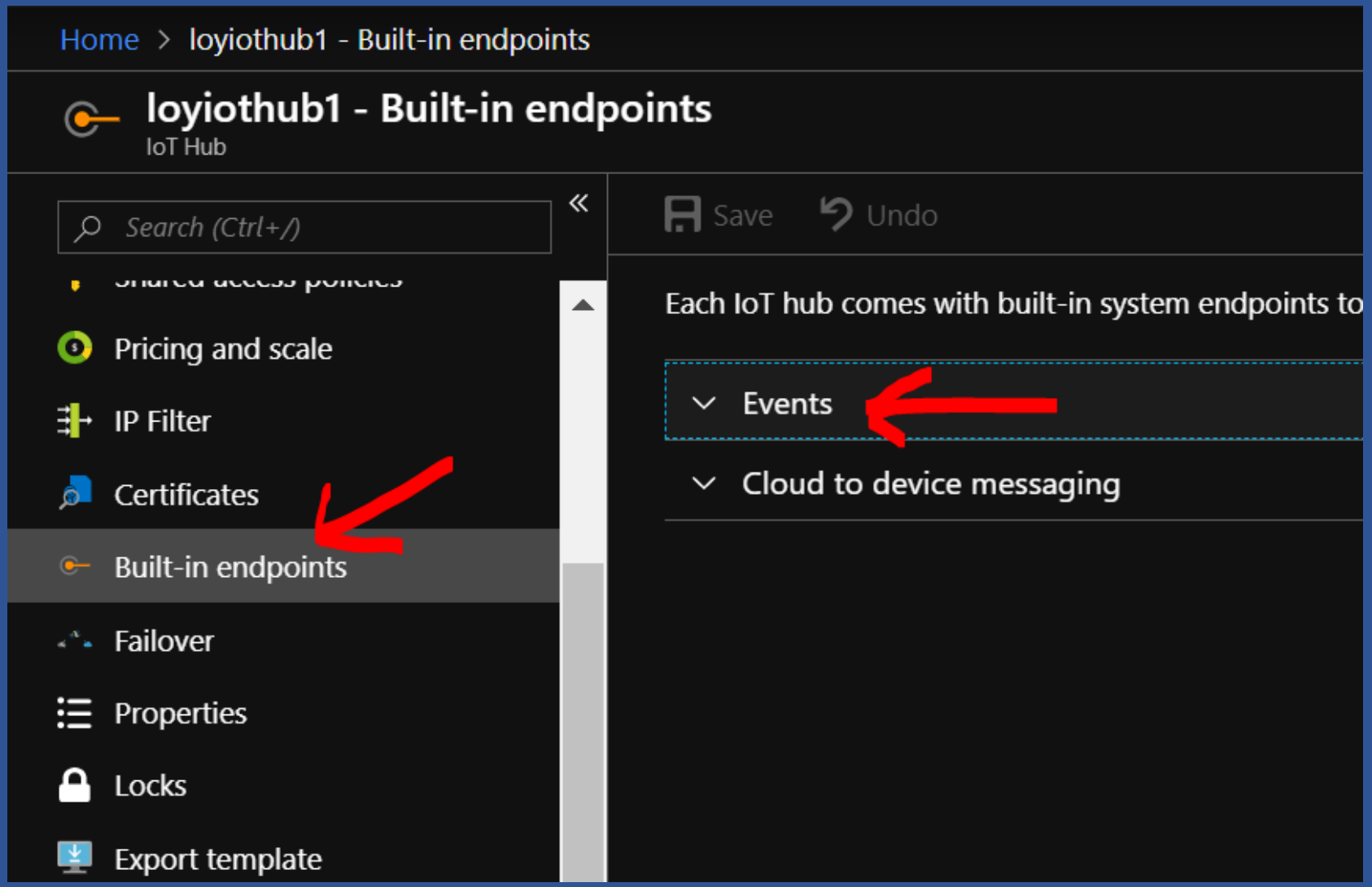


Create resource Gropup

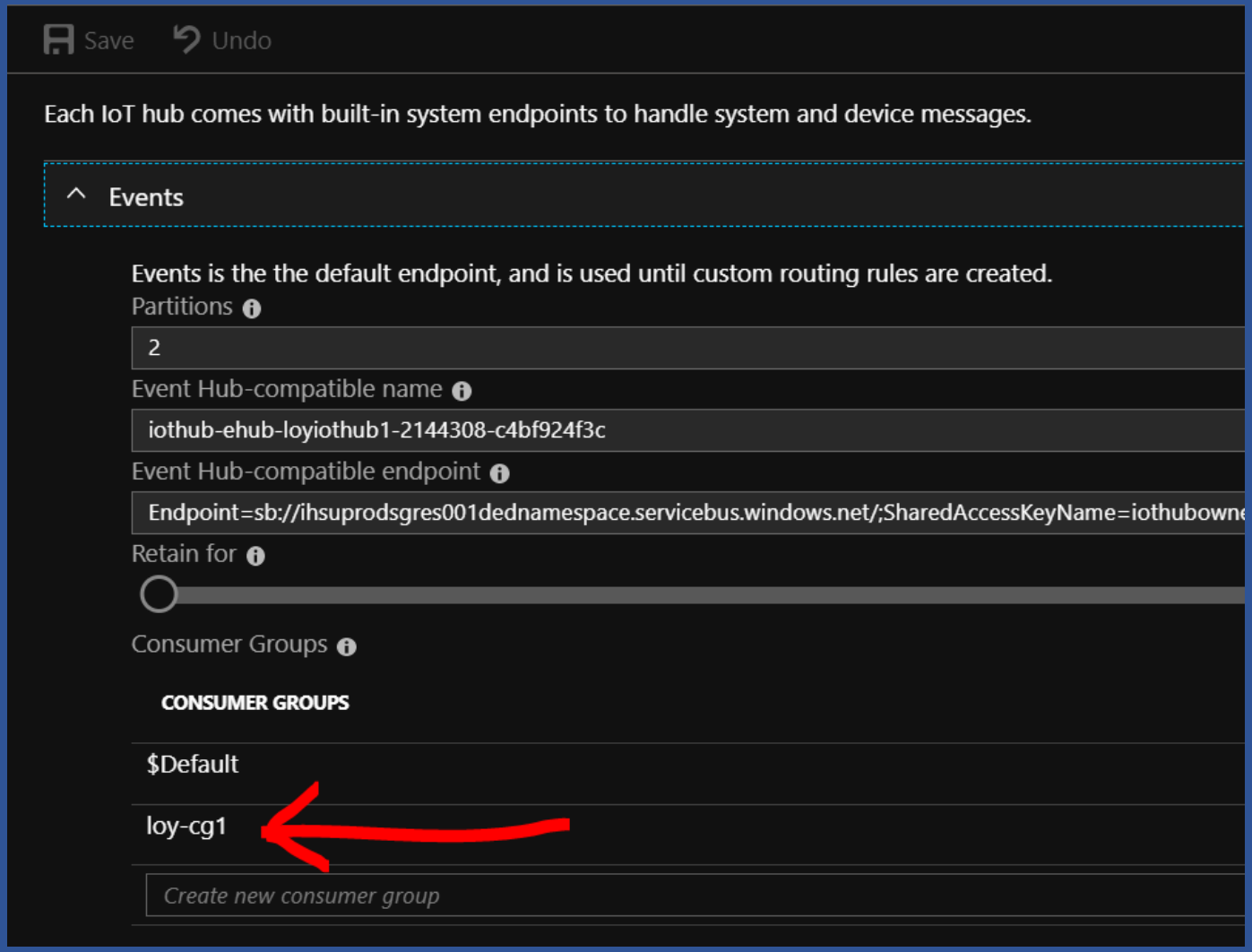
Click at your IoT Hub



Click Built-in endpoints / Events

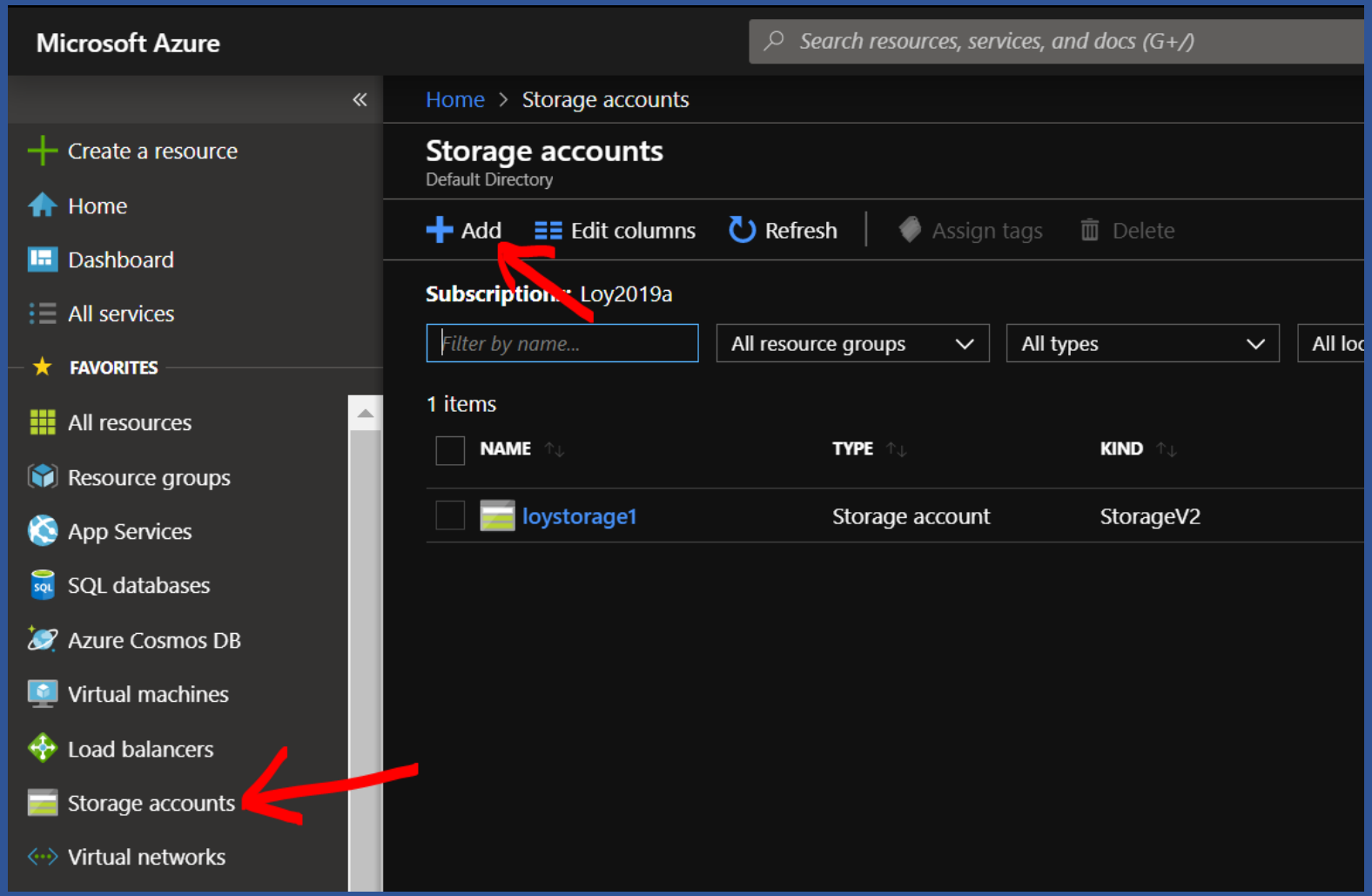


enter a name under Consumer groups. Select Save

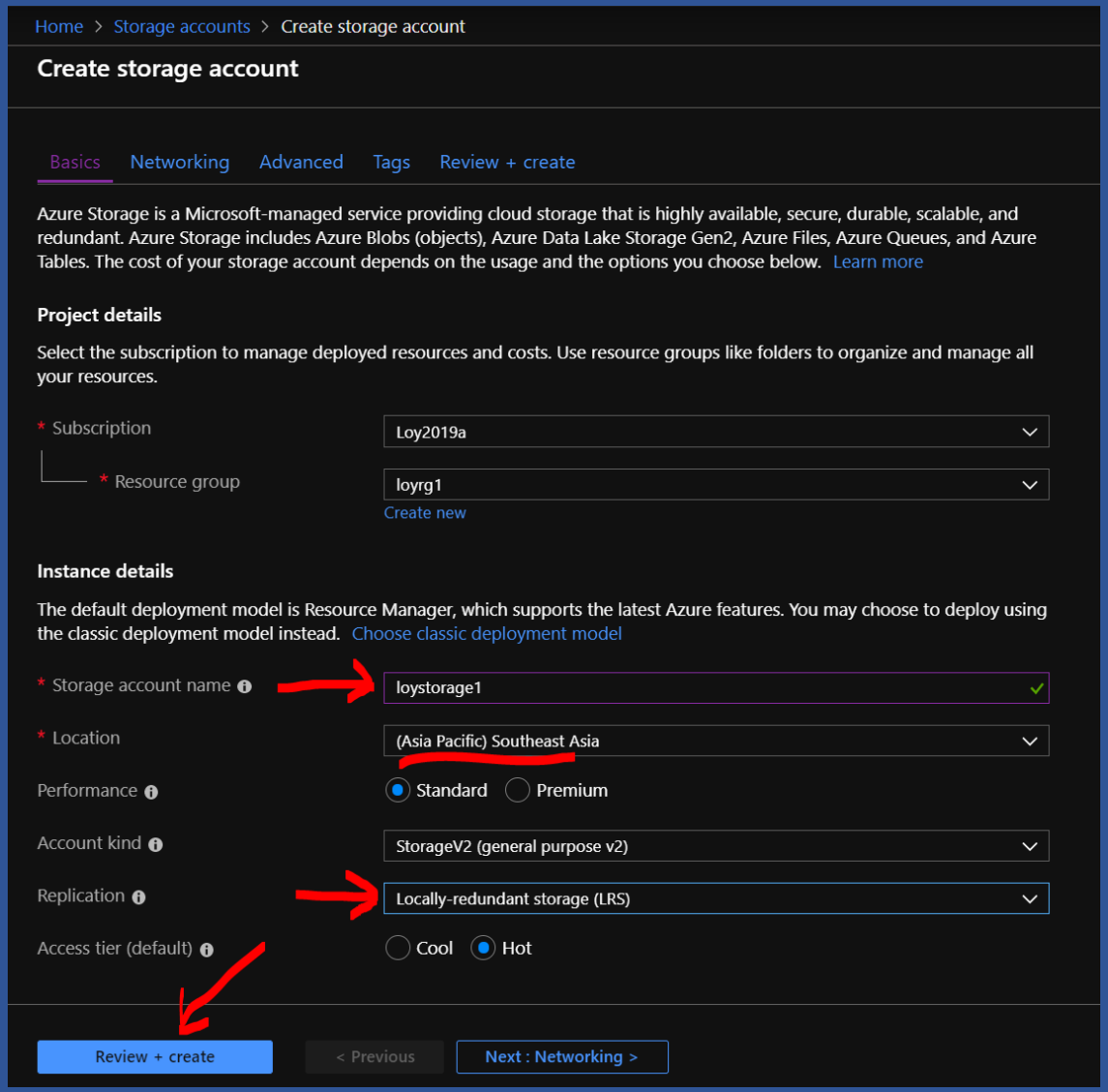


Create Storage Account

Home / Storage accounts / + Add

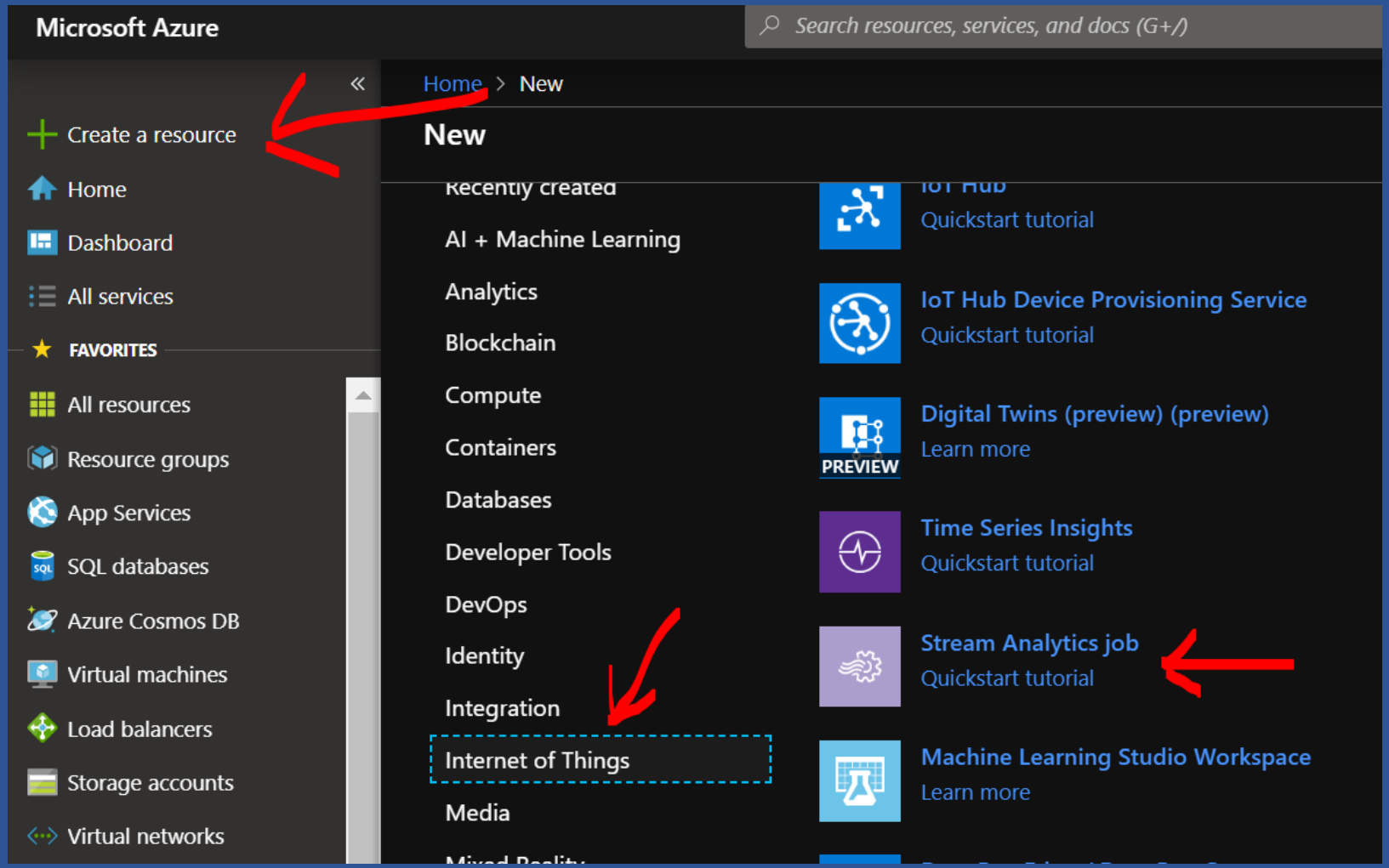


Configure and Create



Create new Stream Analytics Job

Home / Create a resource / Internet of Things / Stream Analytics Job

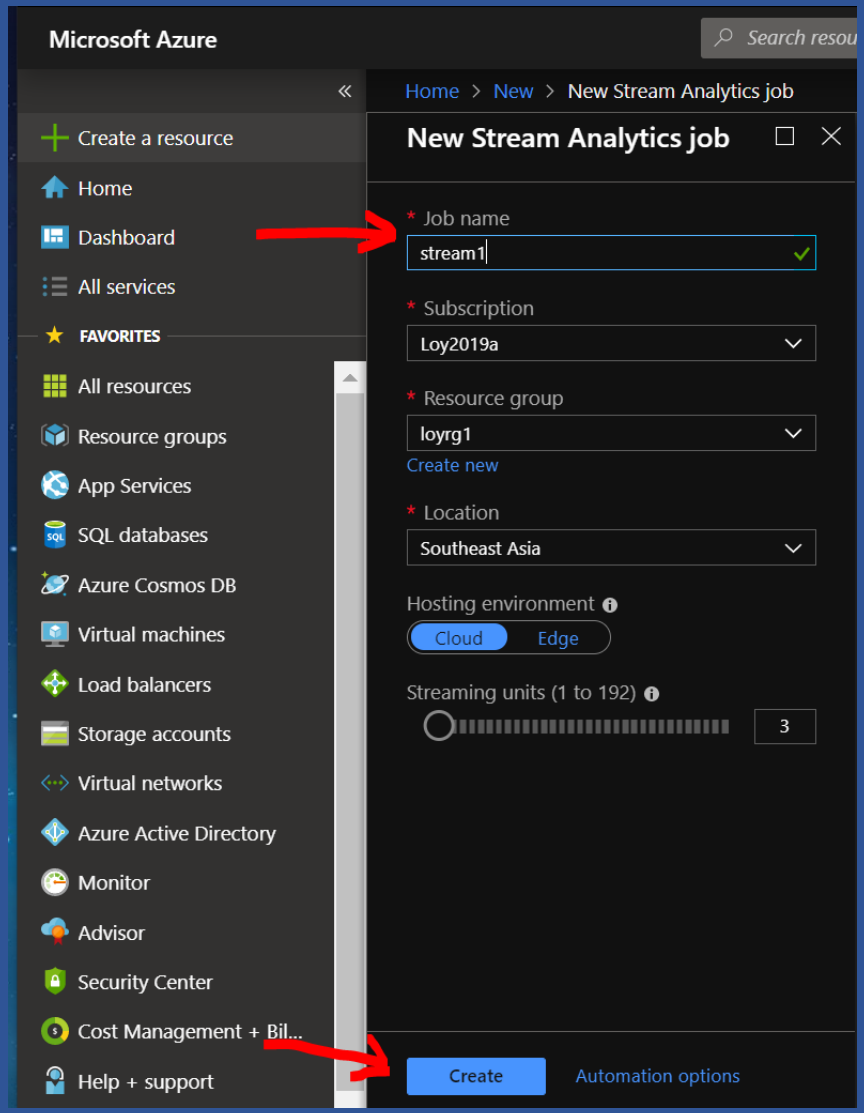


Provide name / Resource group / location

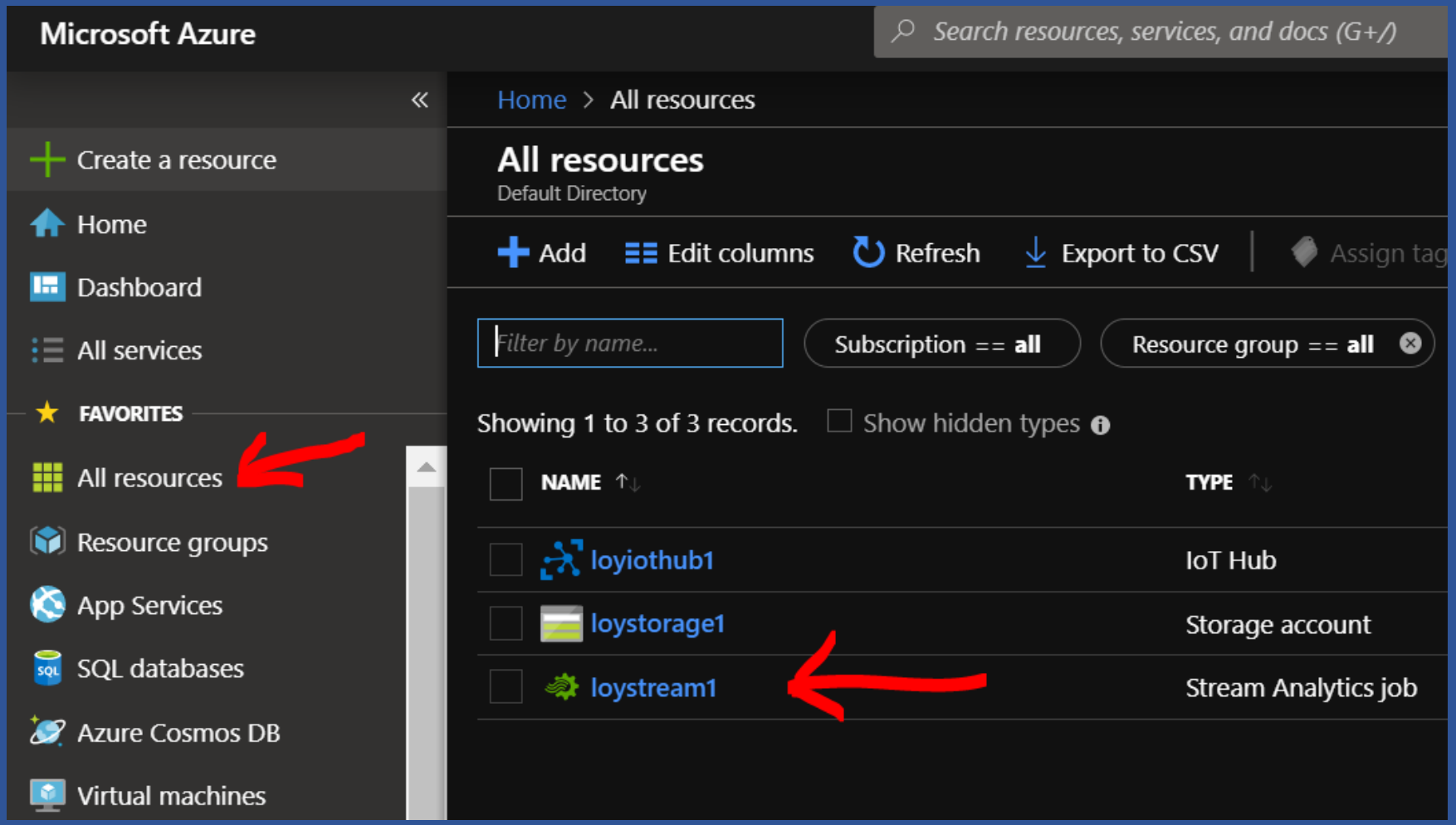
Job name: The name must be globally unique.

Resource group: Use the same resource group that your IoT hub uses.

Location: Use Southeast Asia.

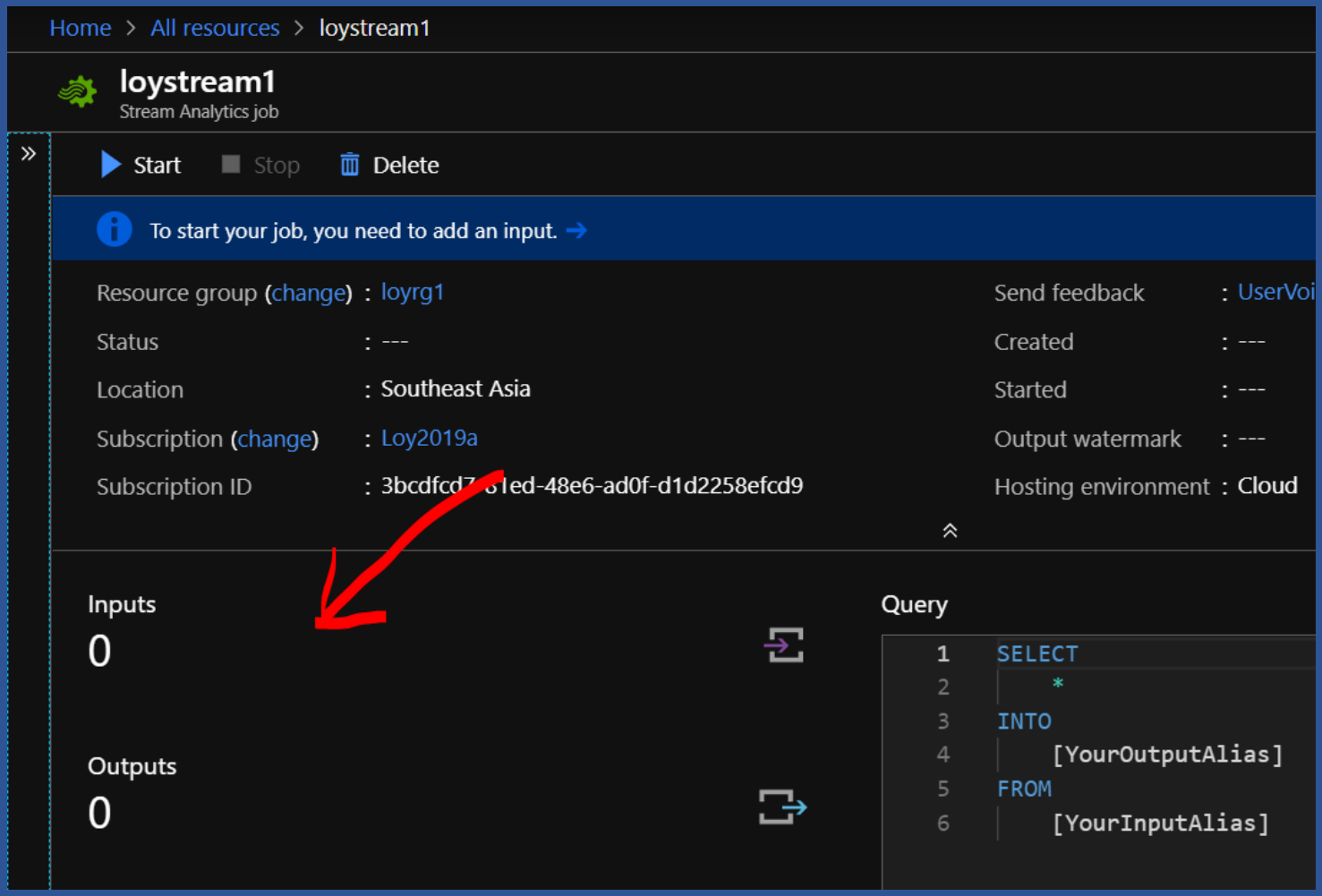


Wait for Stream1 to be created

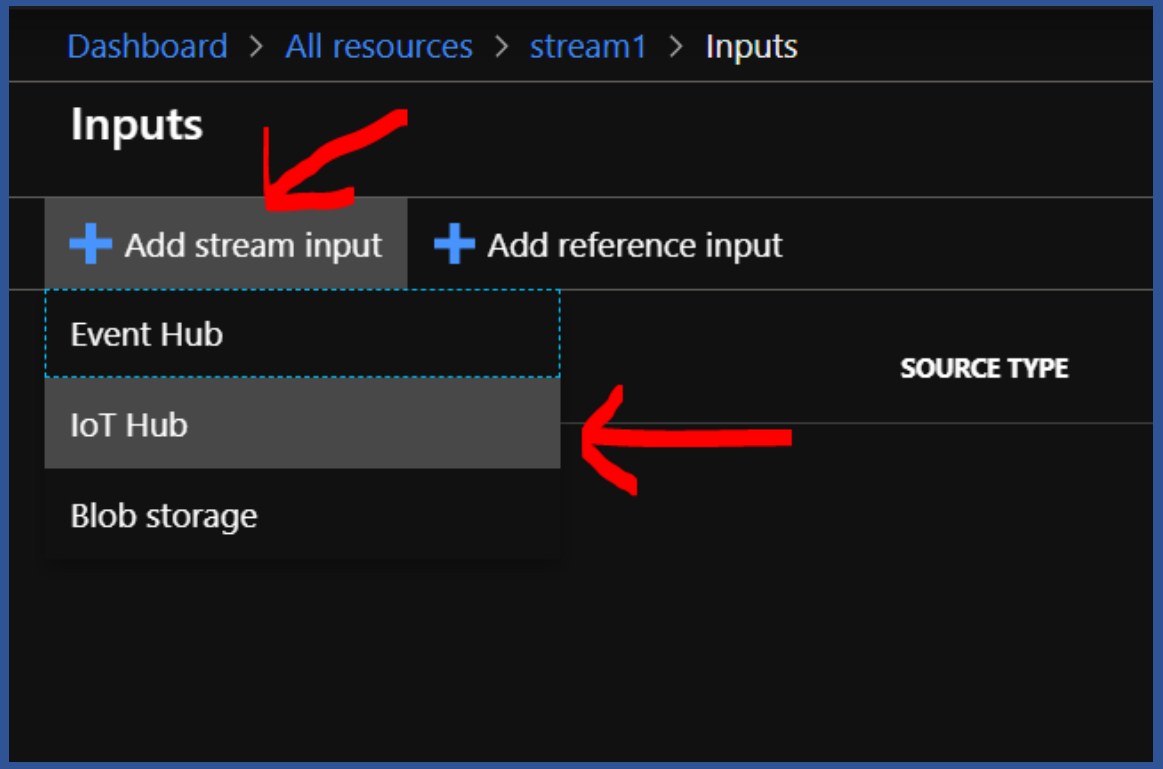


Create Stream Analytics Job Input

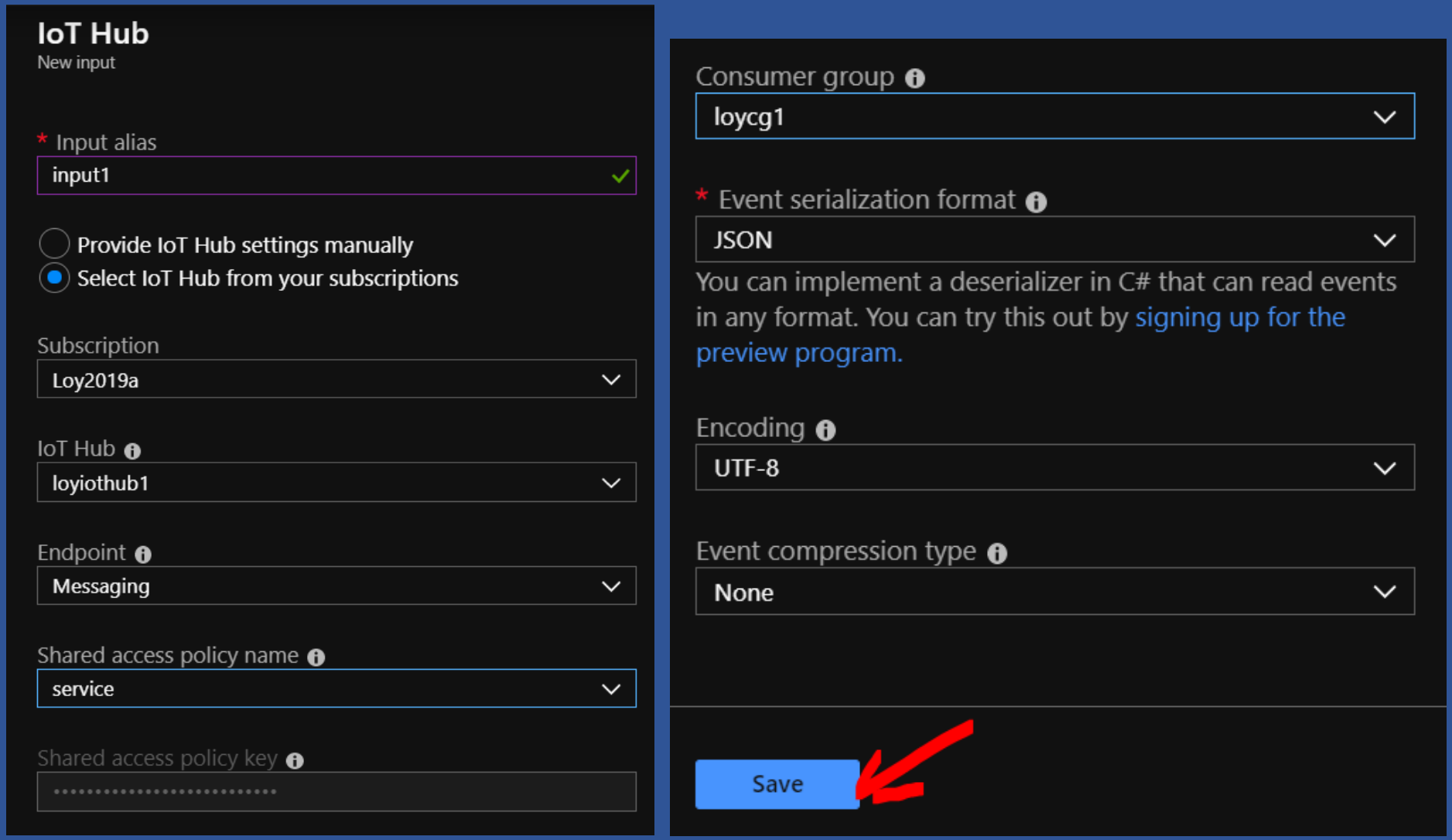
Open your Stream Analytic / Click input



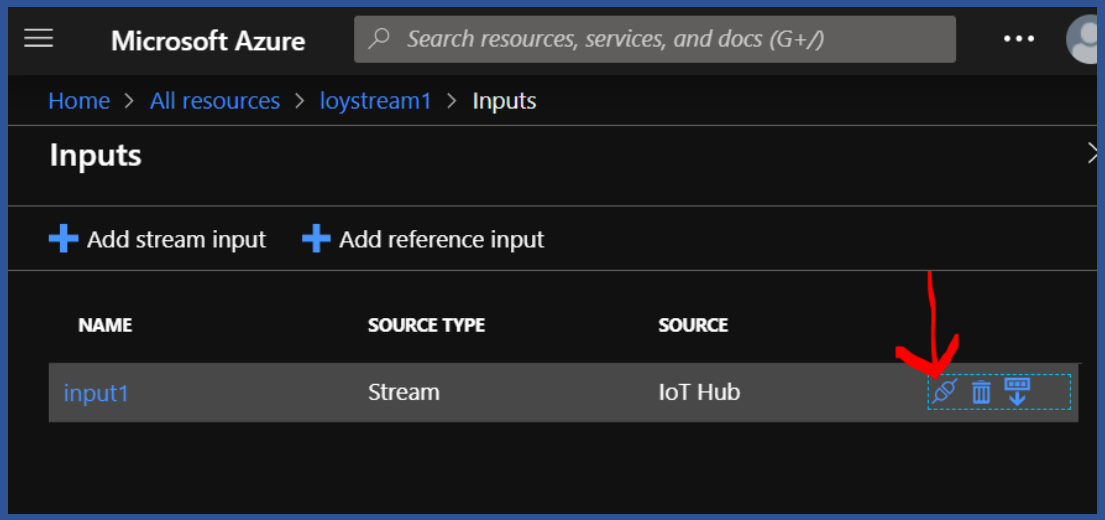
Add stream input / IoT Hub

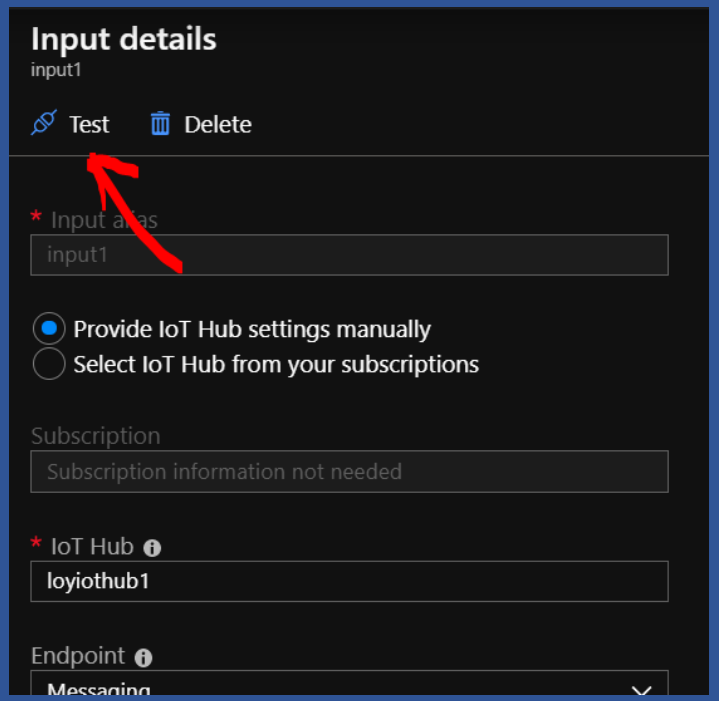


Configure input and save



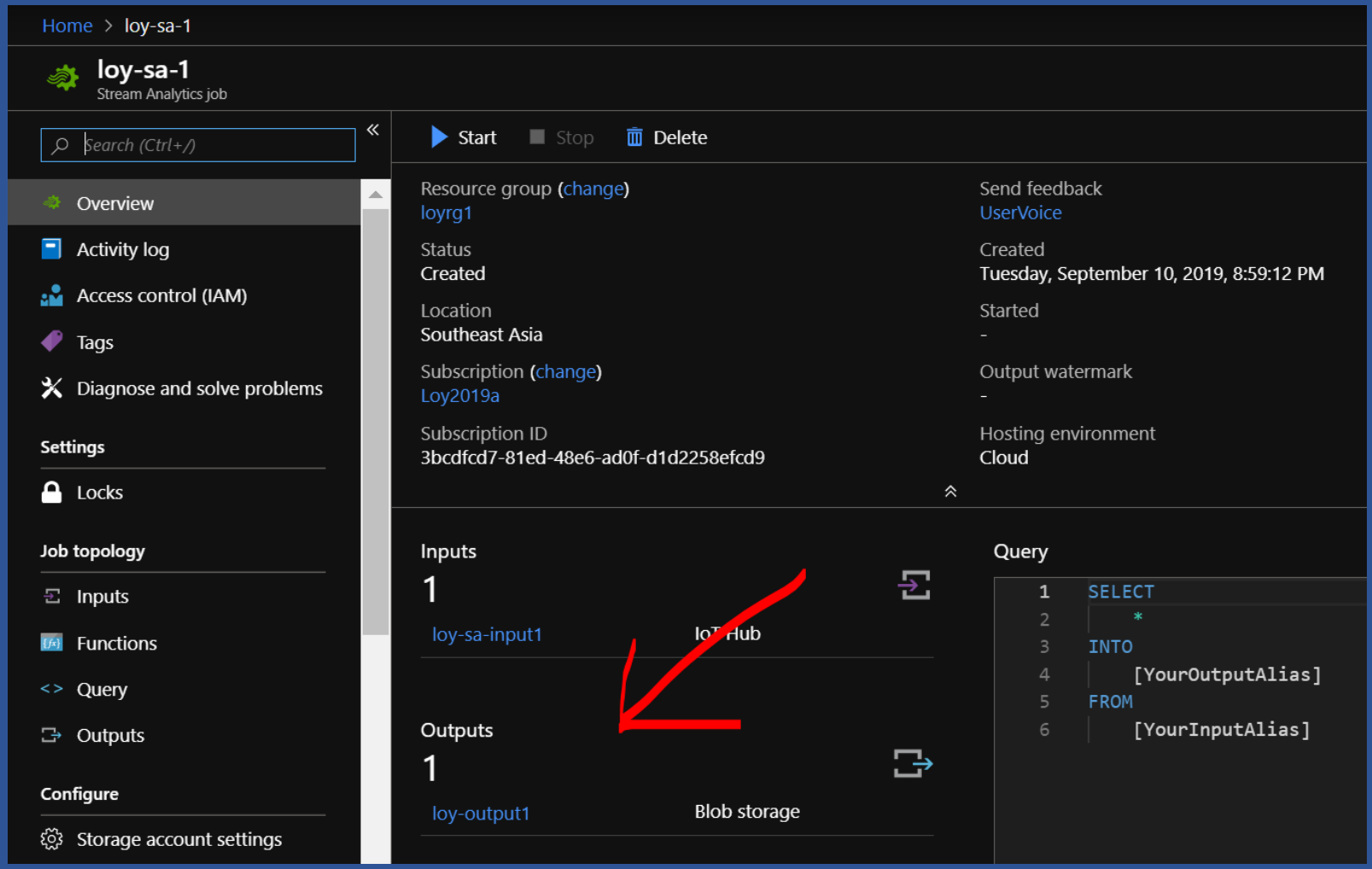
Test input


Microsoft Azure
Search resources, services, and docs (G+/)
Home > All resources > loystream1 > Inputs
Inputs
Add stream input
Add reference input
NAME
SOURCE TYPE
SOURCE
input1
Stream
IoT Hub

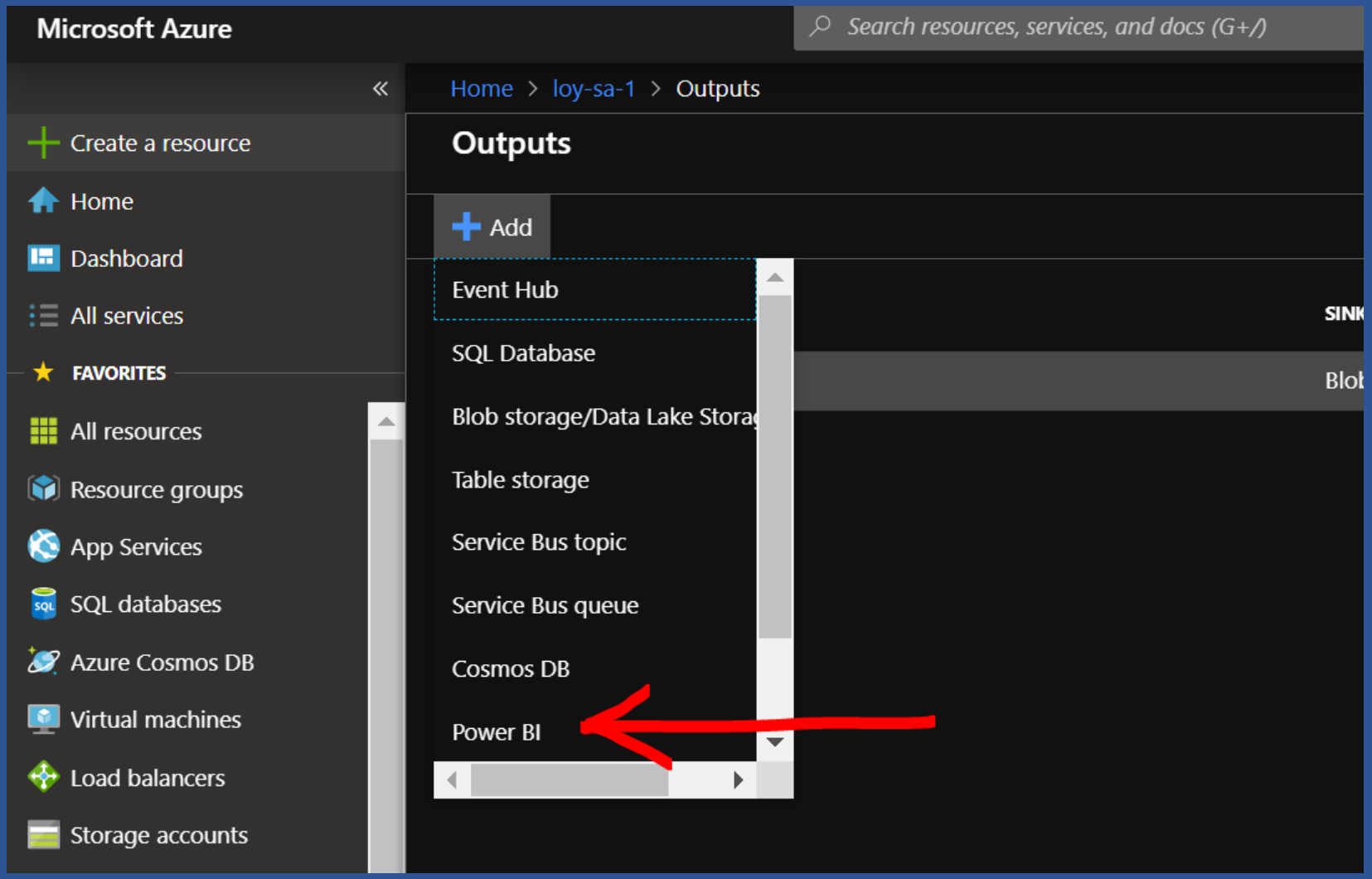

Input details
input1
Test
Delete
* Input alias
input1
Provide IoT Hub settings manually
Select IoT Hub from your subscriptions
Subscription
Subscription information not needed
* IoT Hub
loyiothub1
Endpoint
Messaging

Create Stream Analytics Job Output

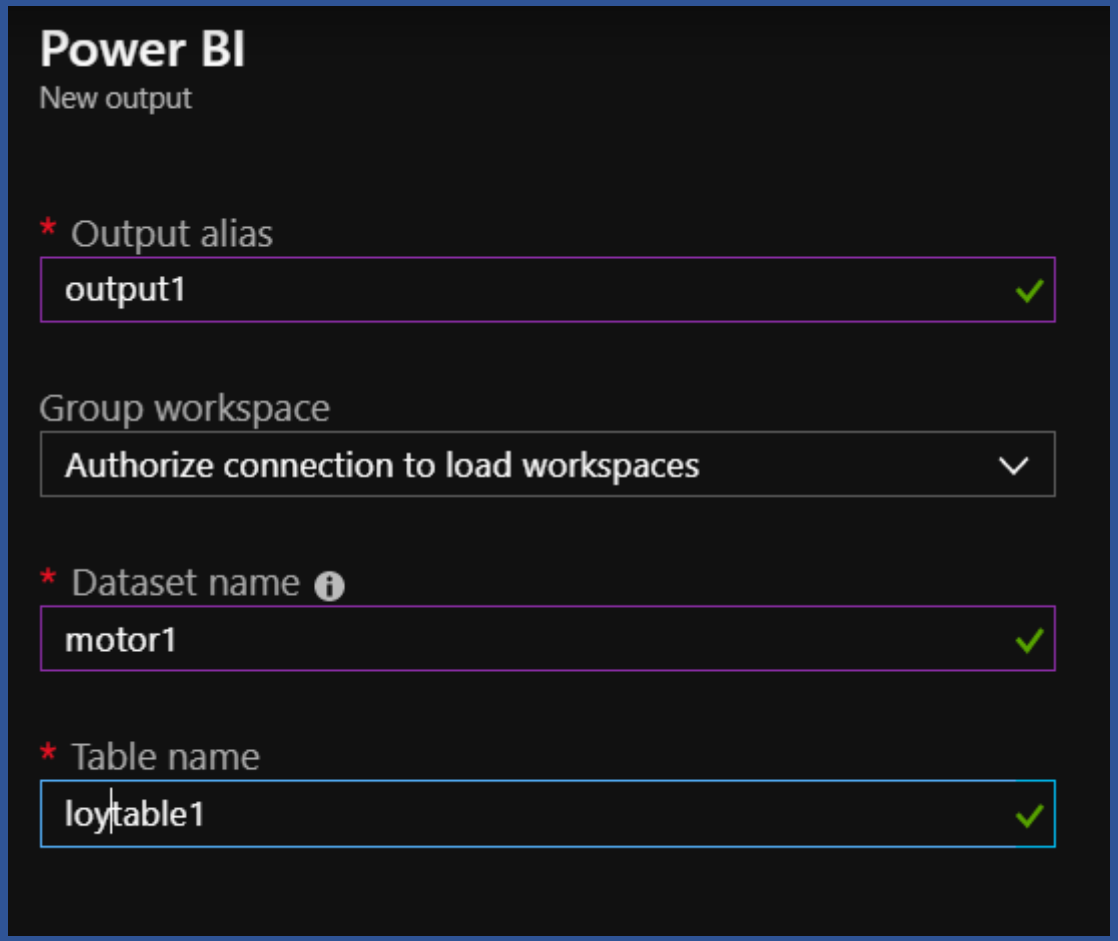
Open your Stream Analytic / Click output



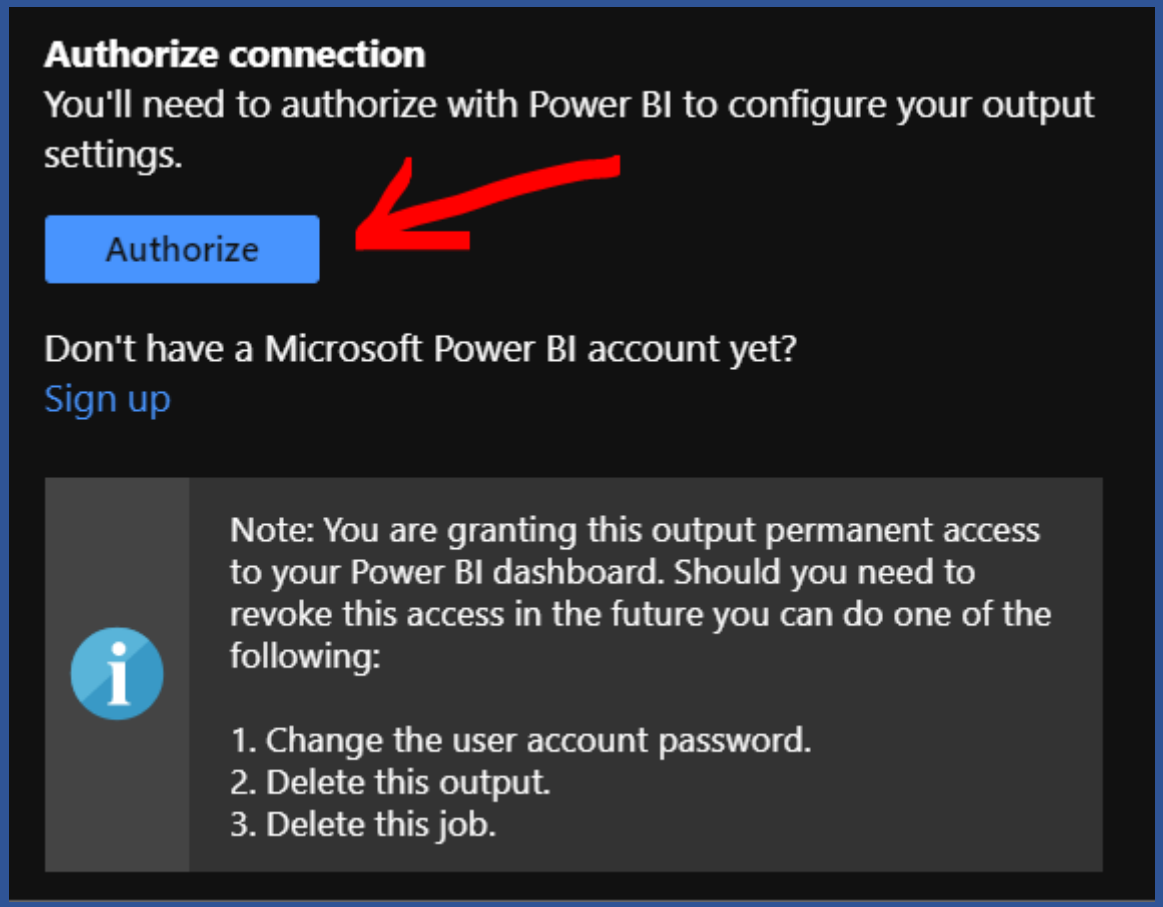
+ Add / Power BI


Microsoft Azure
Search resources, services, and docs (G+/)
Home > loy-sa-1 > Outputs
Outputs
Create a resource
Home
Dashboard
All services
FAVORITES
All resources
Resource groups
App Services
SQL databases
Azure Cosmos DB
Virtual machines
Load balancers
Storage accounts
Add
Event Hub
SQL Database
Blob storage/Data Lake Stora
Table storage
Service Bus topic
Service Bus queue
Cosmos DB
Power BI
SINK
Blob

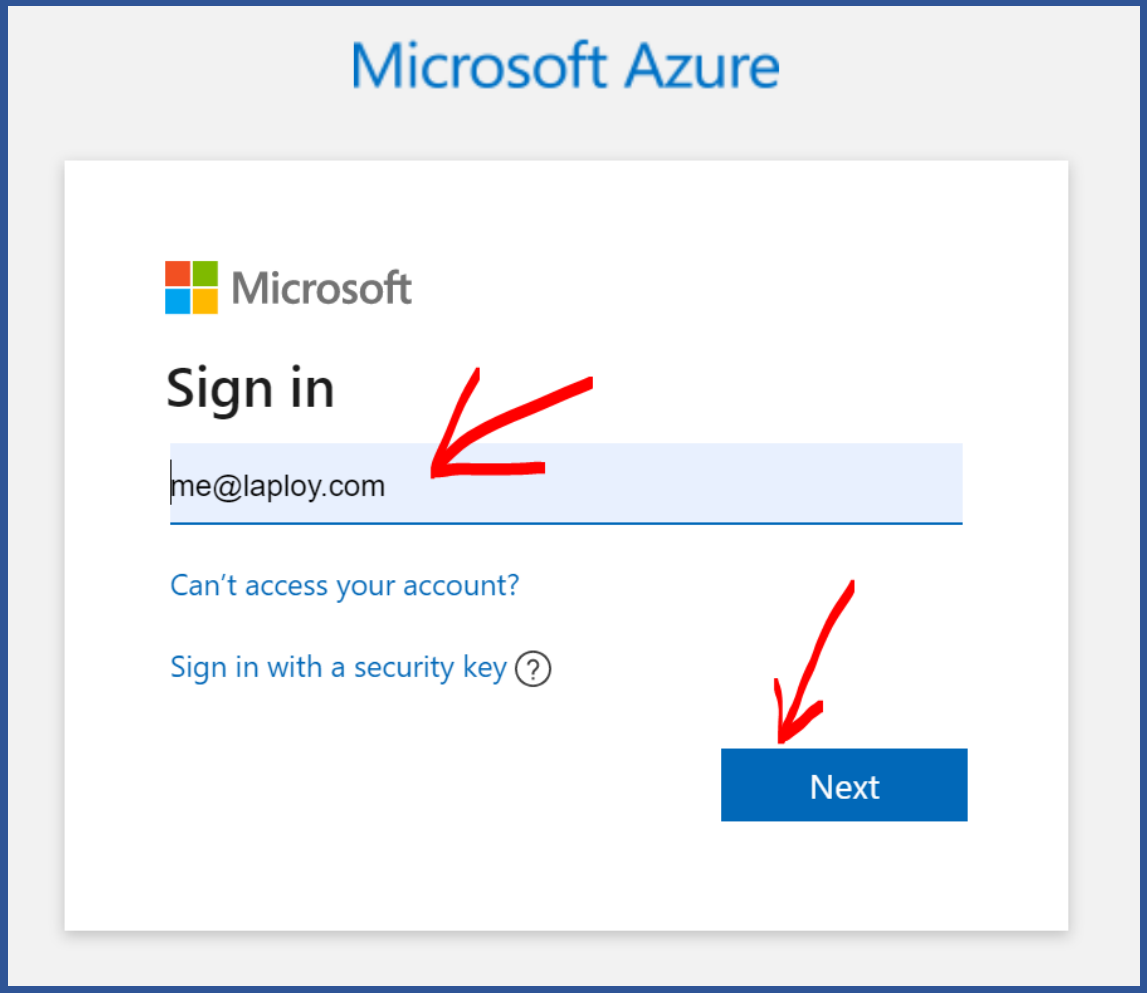
Setup Power BI



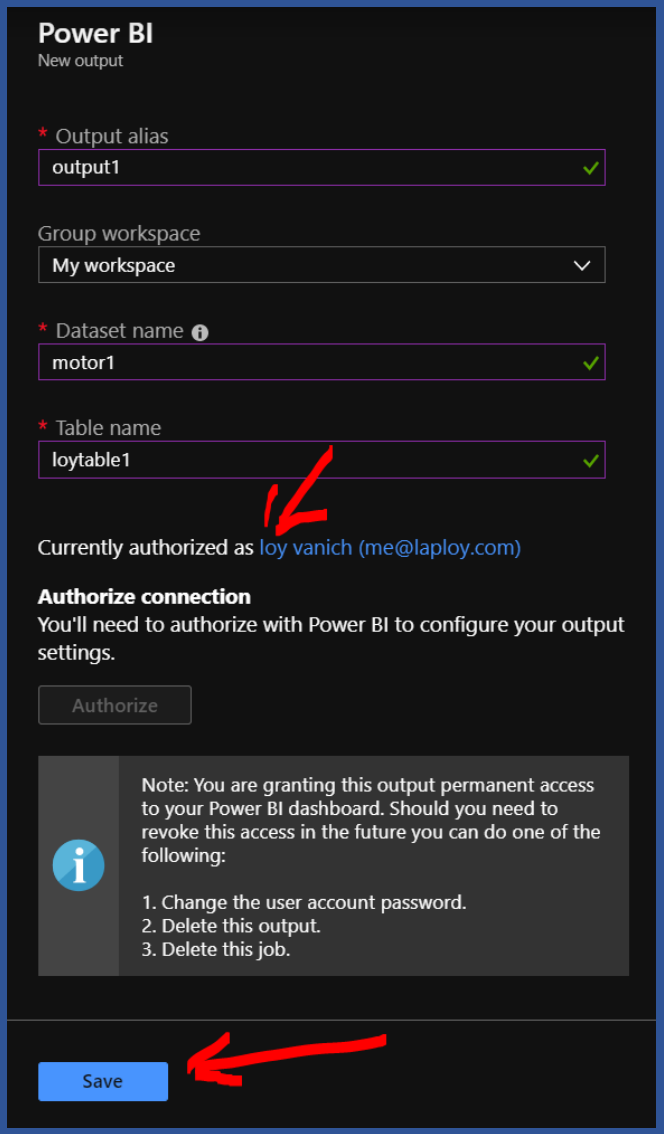
Setup Power BI Authorize



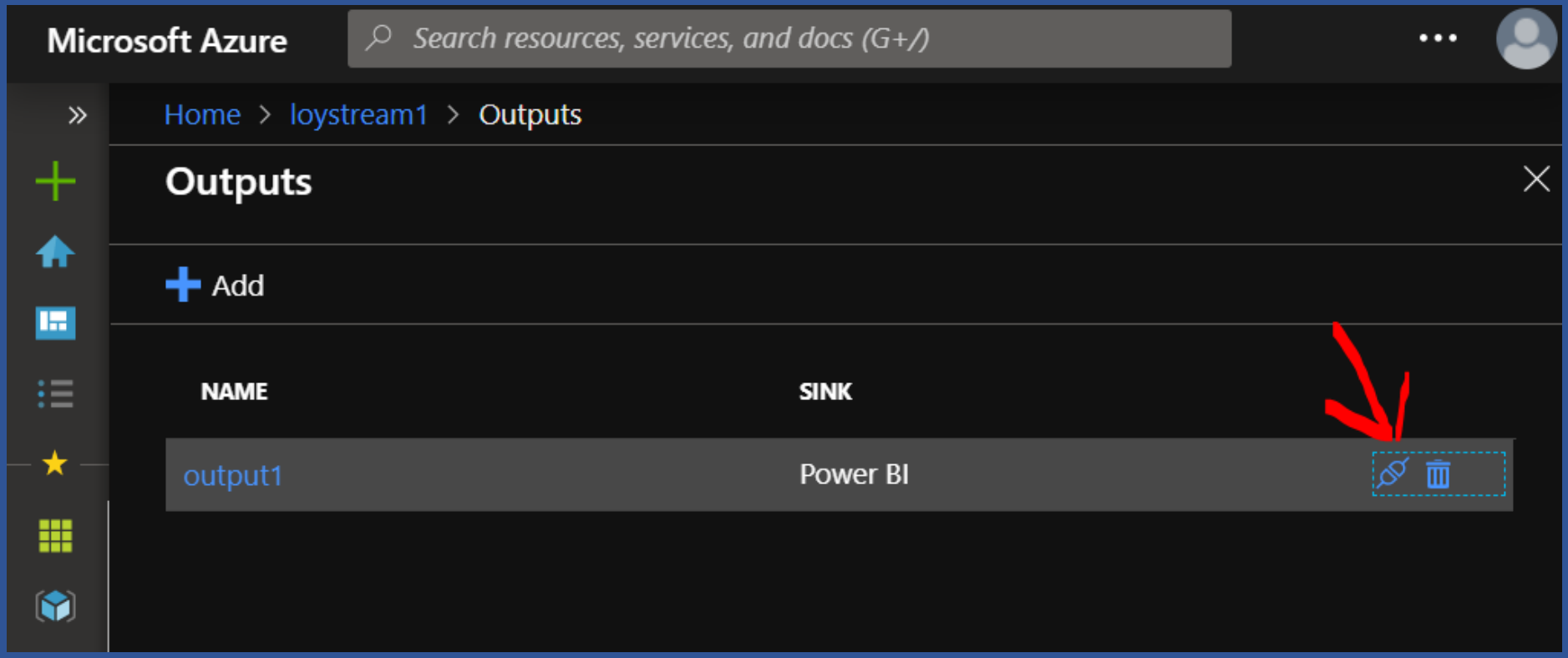
Sign in to Microsoft Power BI Account



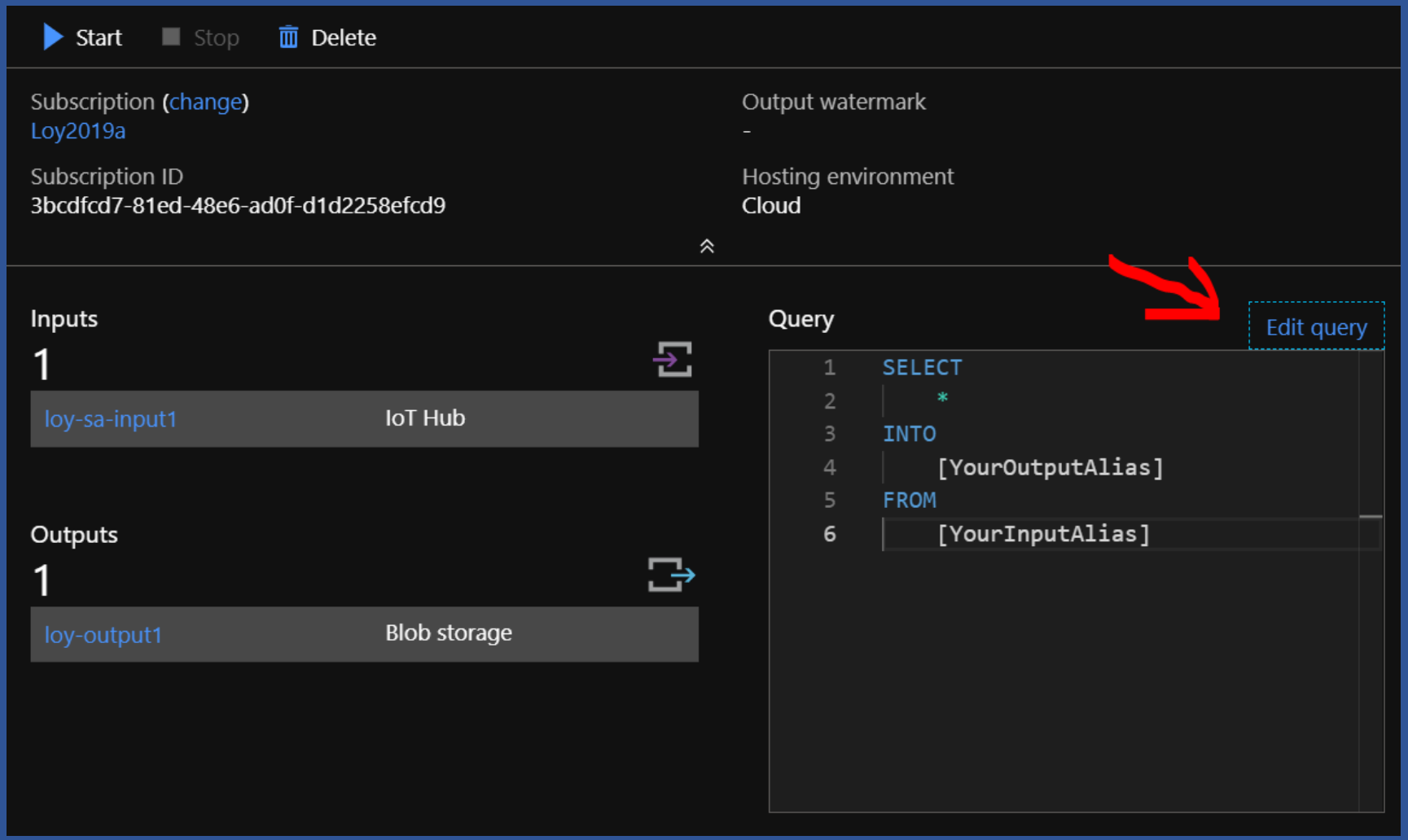
Successfully authorized / Click Save



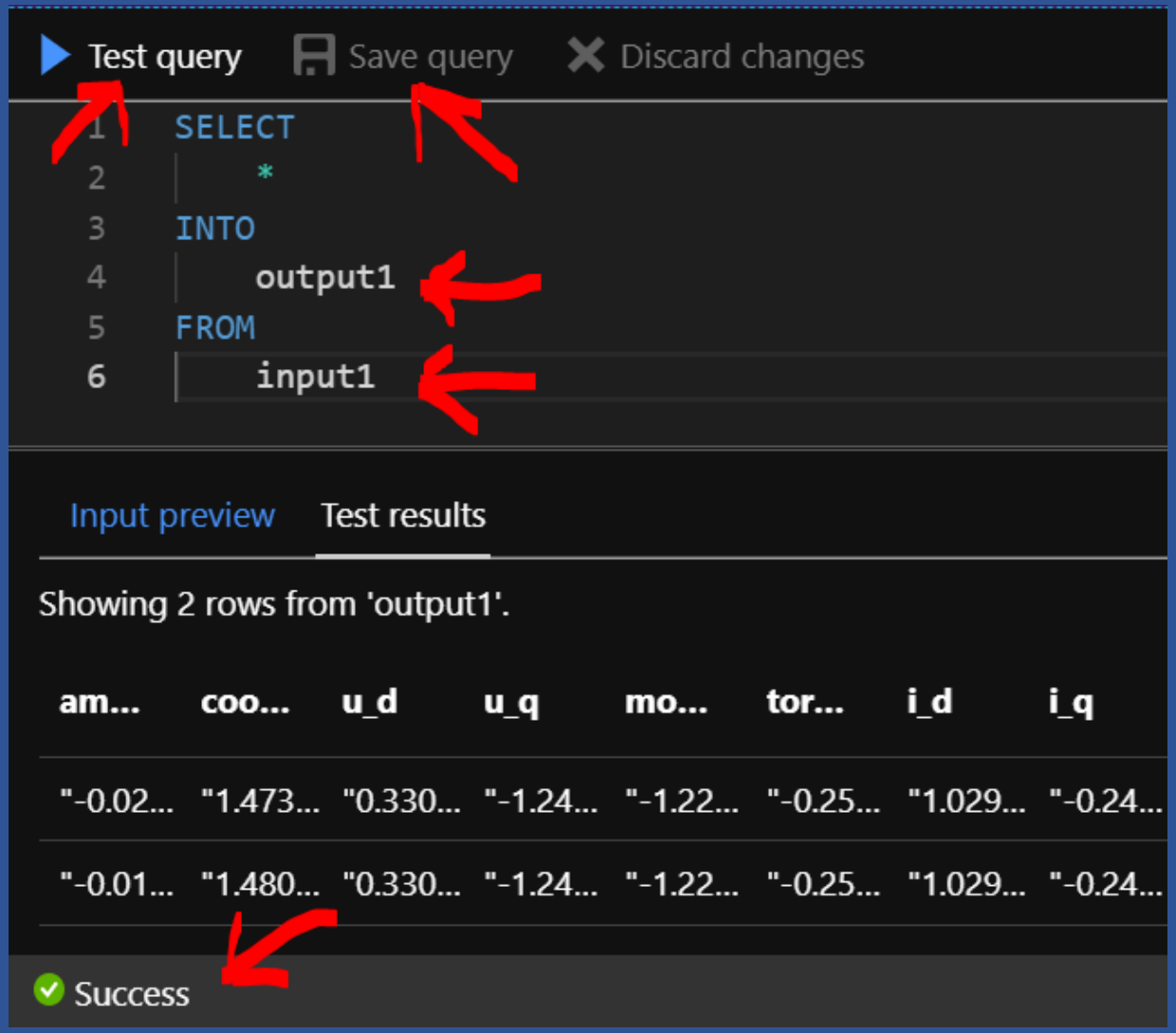
Test Output


Microsoft Azure
Search resources, services, and docs (G+/)
Home > loystream1 > Outputs
Outputs
Add
NAME
SINK
output1
Power BI

Click Edit query



Edit query / Run motor / Send message / Test query / Save query



What's next?