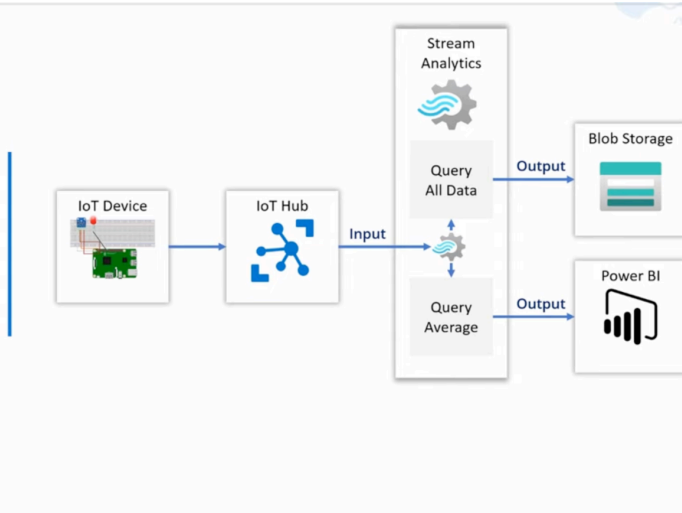


Azure Stream Analytics

Demo

End-2-end scenario

- IoT Device Simulator
- IoT Hub as input stream
- One Stream Analytics Job
- Blob full output
- Power BI aggregated output



Dashboard > process-iot-data | Query

Stream Analytics job

Query language docs Open in Visual Studio UserVoice

Test selected query Save query Discard changes

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problem

Settings

Properties

Locks

Job topology

Inputs

Functions

Query

Outputs

Configure

Storage account settings

Scale

Locale

Event ordering

Error policy

Compatibility level

Managed Identity

Inputs (1)

iotinput

Outputs (2)

bloboutput

powerbioutput

```
3 INTO
4 bloboutput
5 FROM
6 iotinput
7
8 SELECT
9 System.Timestamp AS WindowEnd,
10 AVG(temperature) as temperature
11
12 INTO
13 powerbioutput
14 FROM
15 iotinput
16 GROUP BY
17 TumblingWindow( second, 2 )
```

Input preview Test results

Showing 1 rows from 'powerbioutput'.

WindowEnd	temperature
2020-06-02T07:10:32.0000000Z	25.307680377904294

Download results

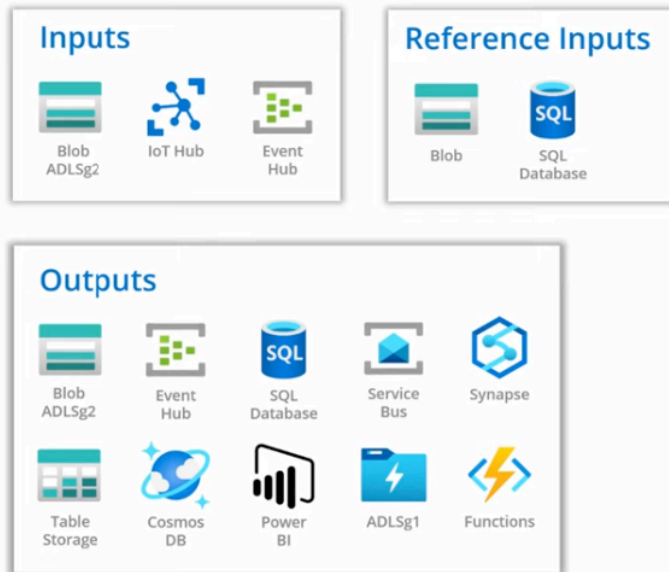
Success

Ln 8, Col 1

Input / Output

Supported Services

- 3 supported inputs
- Reference inputs
- 10 supported outputs
- Multiple inputs and/or outputs supported!



Input for IOT Hub = <https://azure-samples.github.io/raspberry-pi-web-simulator/>