# Azure Discovery Days 2019

## Data Analytics & Near Real Time Intelligence with Azure - Hands-On Lab Guide

## Lab 4: Streaming Dashboard

### Summary

In this hands-on lab, you will:

1. Foo

### About this Lab

### References

* Azure Stream Analytics Documentation: <https://docs.microsoft.com/azure/stream-analytics/>
* Power BI Documentation: <https://docs.microsoft.com/power-bi/>
* Stream Analytics output to Power BI Dashboard: <https://docs.microsoft.com/azure/stream-analytics/stream-analytics-power-bi-dashboard>

### Architecture for this Lab

The tasks in this lab cover the following components of the overall architecture.

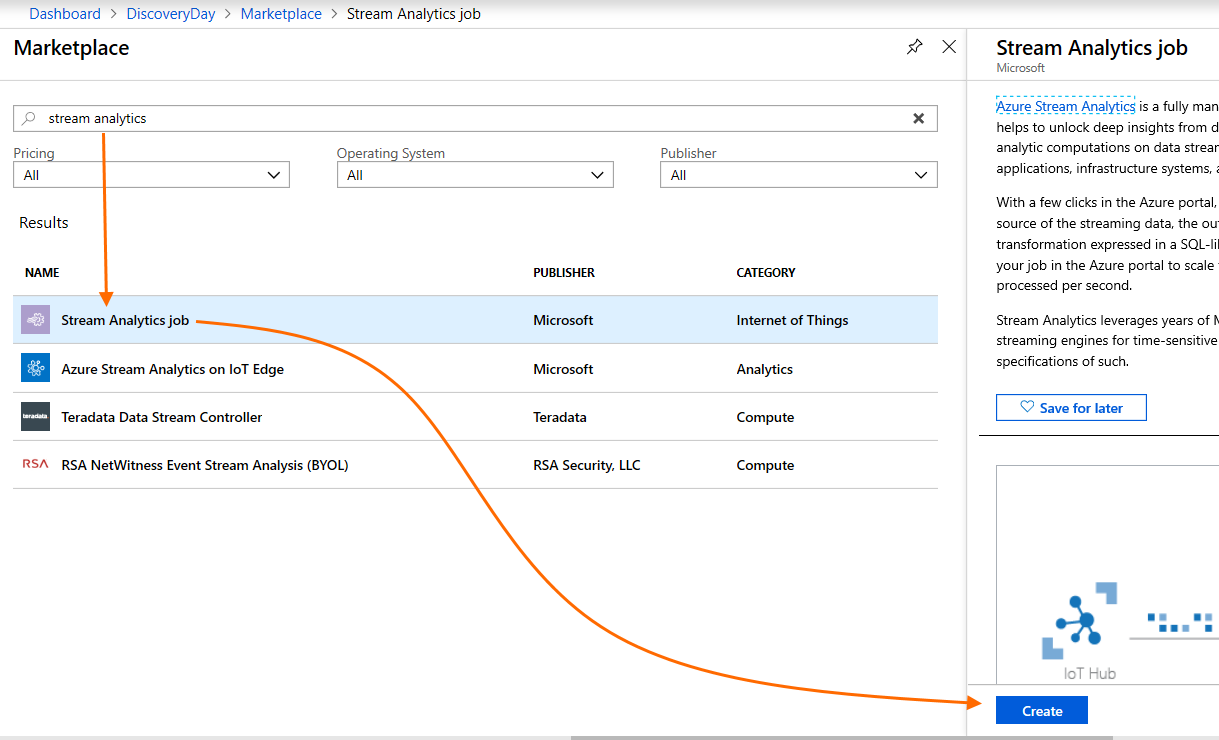


### General Notes

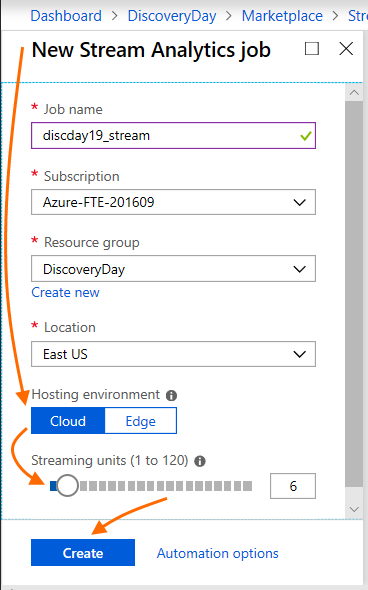
Before starting this lab, please ensure you have completed the Power BI pre-requisite in Lab 0.

### Task 1 – Create an Azure Stream Analytics Job

Start in your Resource Group in the Azure portal. As before, click “+ Add” to create a new Azure resource in your Resource Group. Type “stream analytics” in the search box, then click on the “Stream Analytics job” result. In the product blade, click “Create”.



Provide appropriate information to create the new Stream Analytics job. Ensure you are using the same Resource Group and Azure region as in previous labs and tasks. Ensure that “Hosting environment” is set to “Cloud”. Set a starting value for “Streaming units” to 6 (best practice for an initial setting per Azure Stream Analytics documentation; can be scaled as metrics/load indicate need). Then click “Create”, return to your Resource Group, and wait for deployment to finish.



### Conclusion

Congratulations! You have completed lab 4.

In these four labs, you have built a simple modern data estate with hot and cold storage and analytics paths. Great work!