Lab 14 – Stream Analytics

1. Provision Azure Resources

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1. View the streaming data source

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1. Create an Azure Stream Analytics Job

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1. Create an input for the event stream

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1. Create an output for the event stream

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1. Create a query

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1. Run the streaming job

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1. Delete Azure Resources

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Summary:

Azure Stream Analytics can analyze and process large volumes of streaming data with sub-millisecond latencies. Data for stream analytics can come from applications, devices, sensors, clickstreams, and social media feeds. After provisioning Azure resources, we run a client app that sends 100 simulated orders to Azure Event Hubs. We then create a Stream Analytics Job, create an input for the event stream, and set the output as a blob store. We also create a query, the result of which will be sent to the output. Once the configuration is completed, we run the streaming job and check the blob store for the new records from the streaming job. Lastly, we stop the streaming job after the entire data is streamed and end the lab.