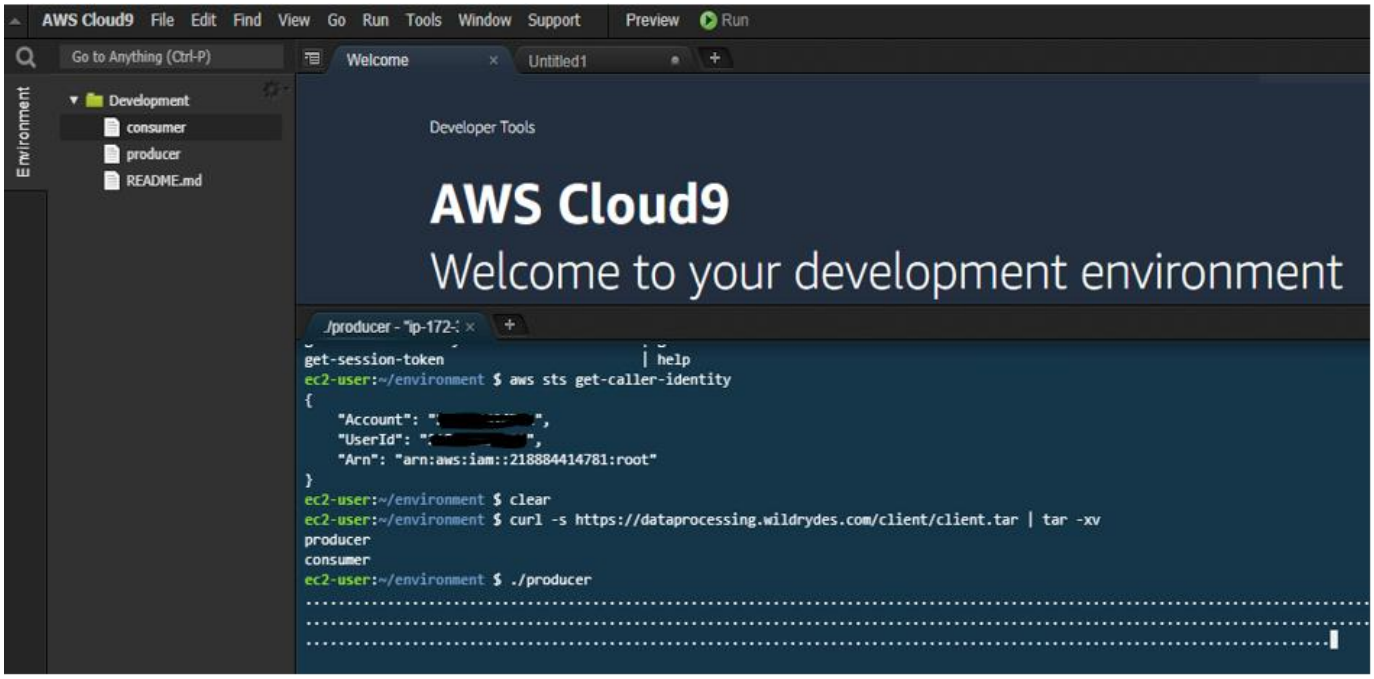
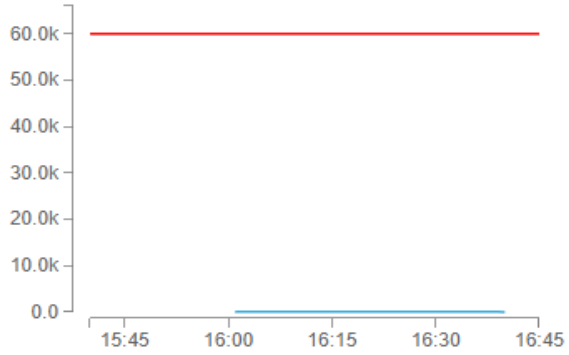
Cloud9 SDK

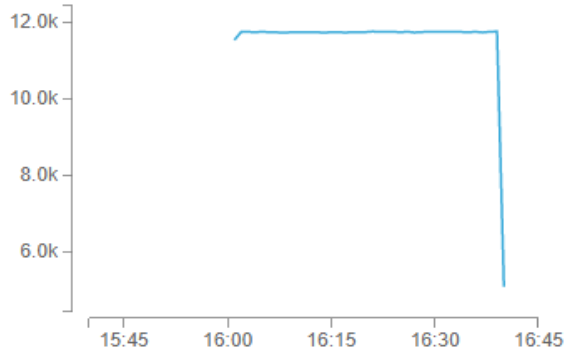


Kinesis DataStream Put Record Monitor Output



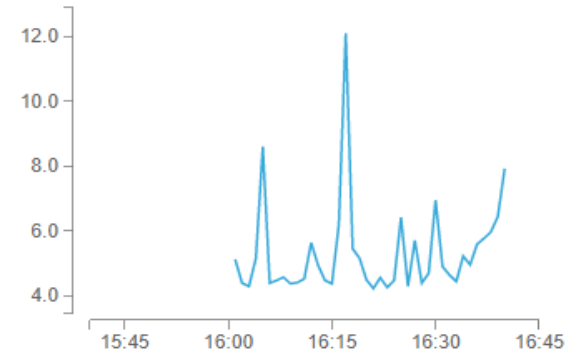
Put Record Latency (Milliseconds) — Average

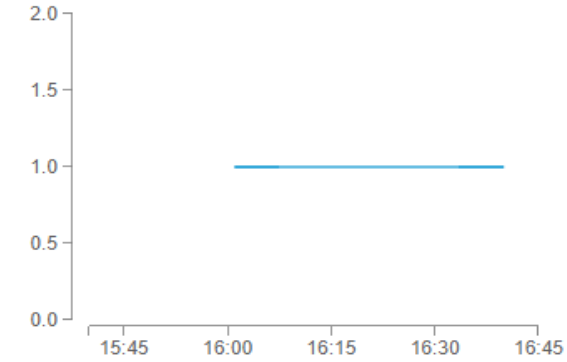
PutRecord.Latency



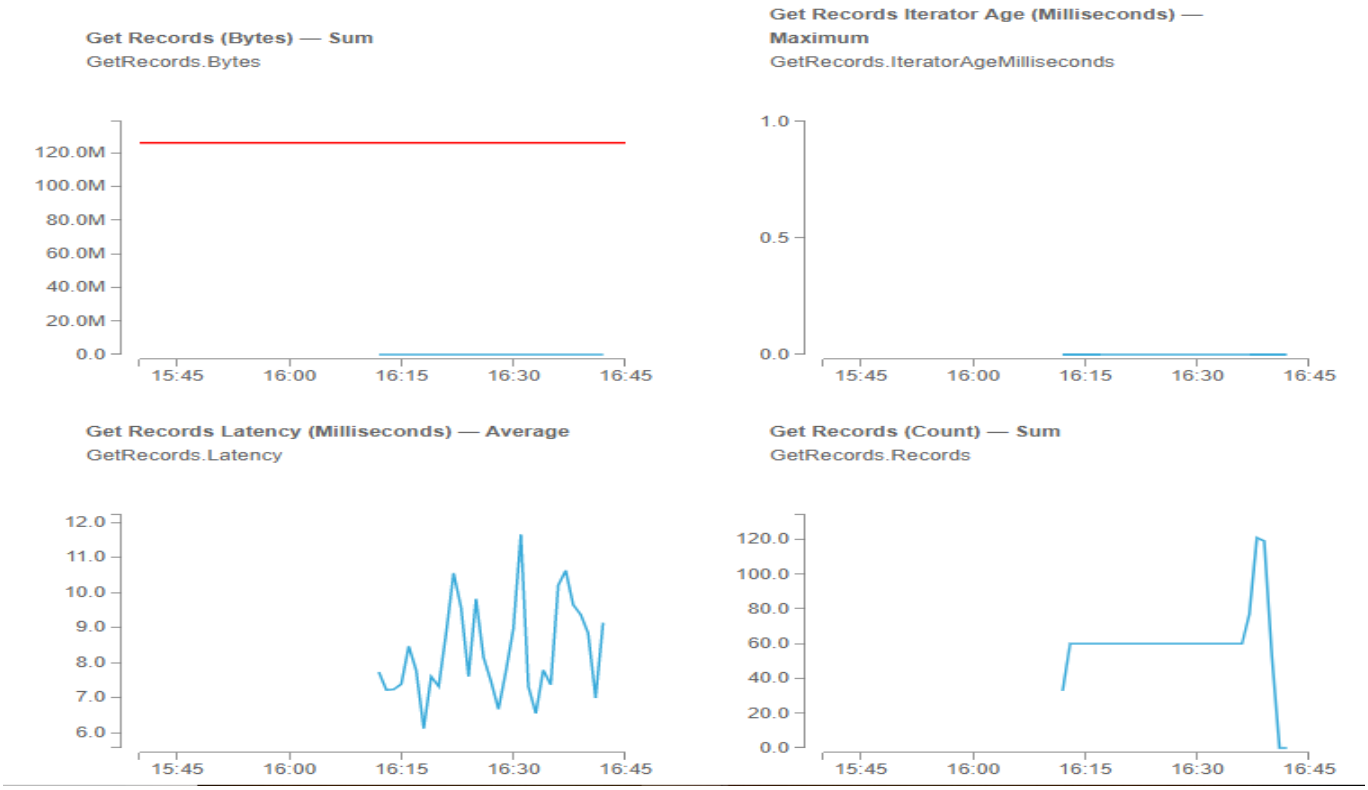
Put Record Success (Percent) — Average

PutRecord.Success

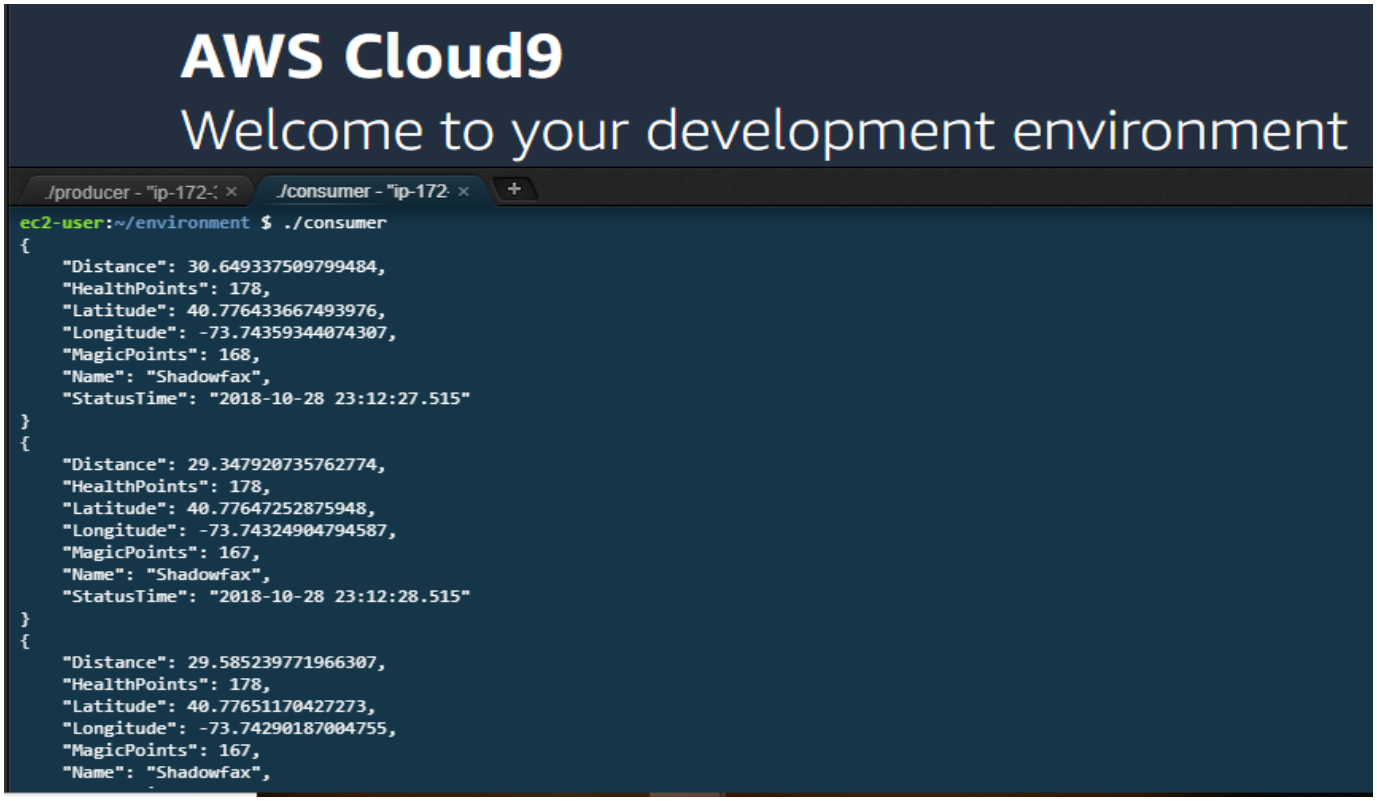




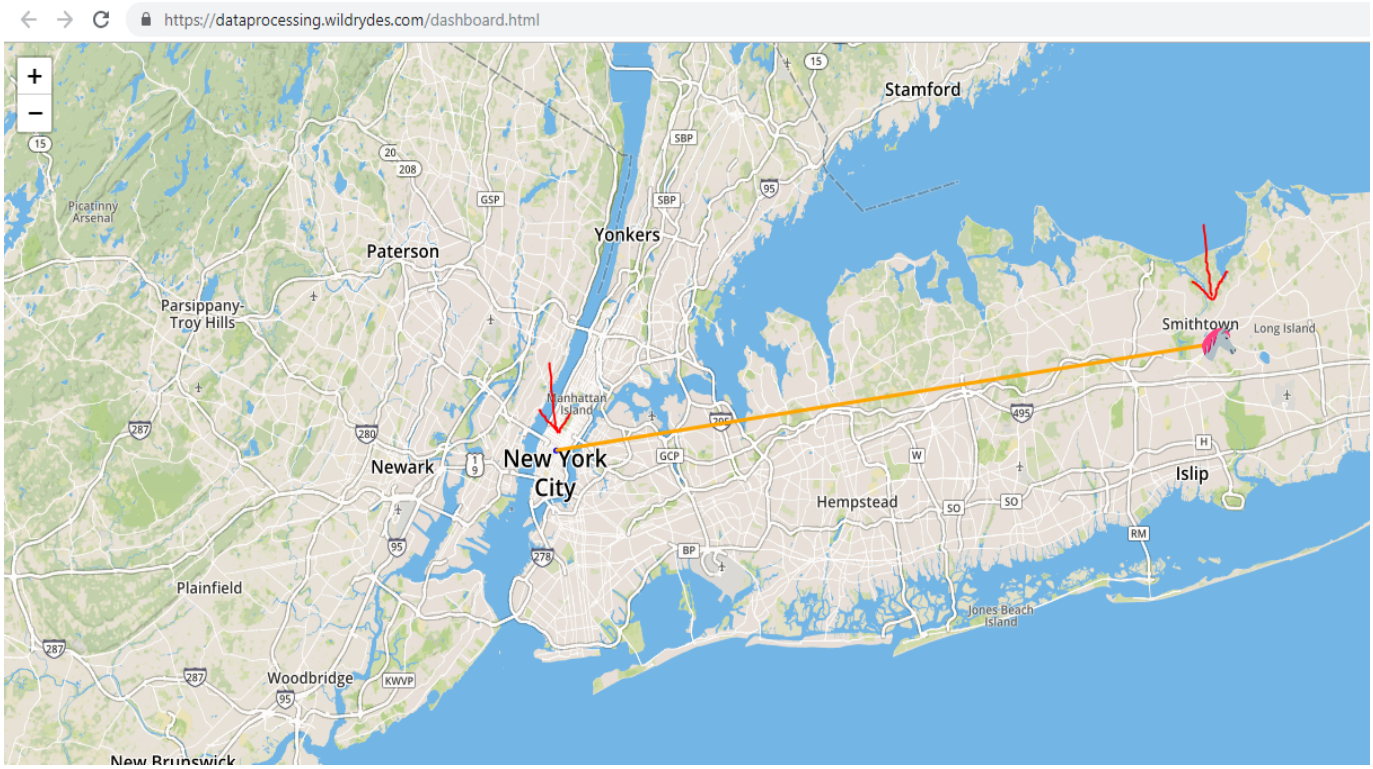
Kinesis dataStream Get Records



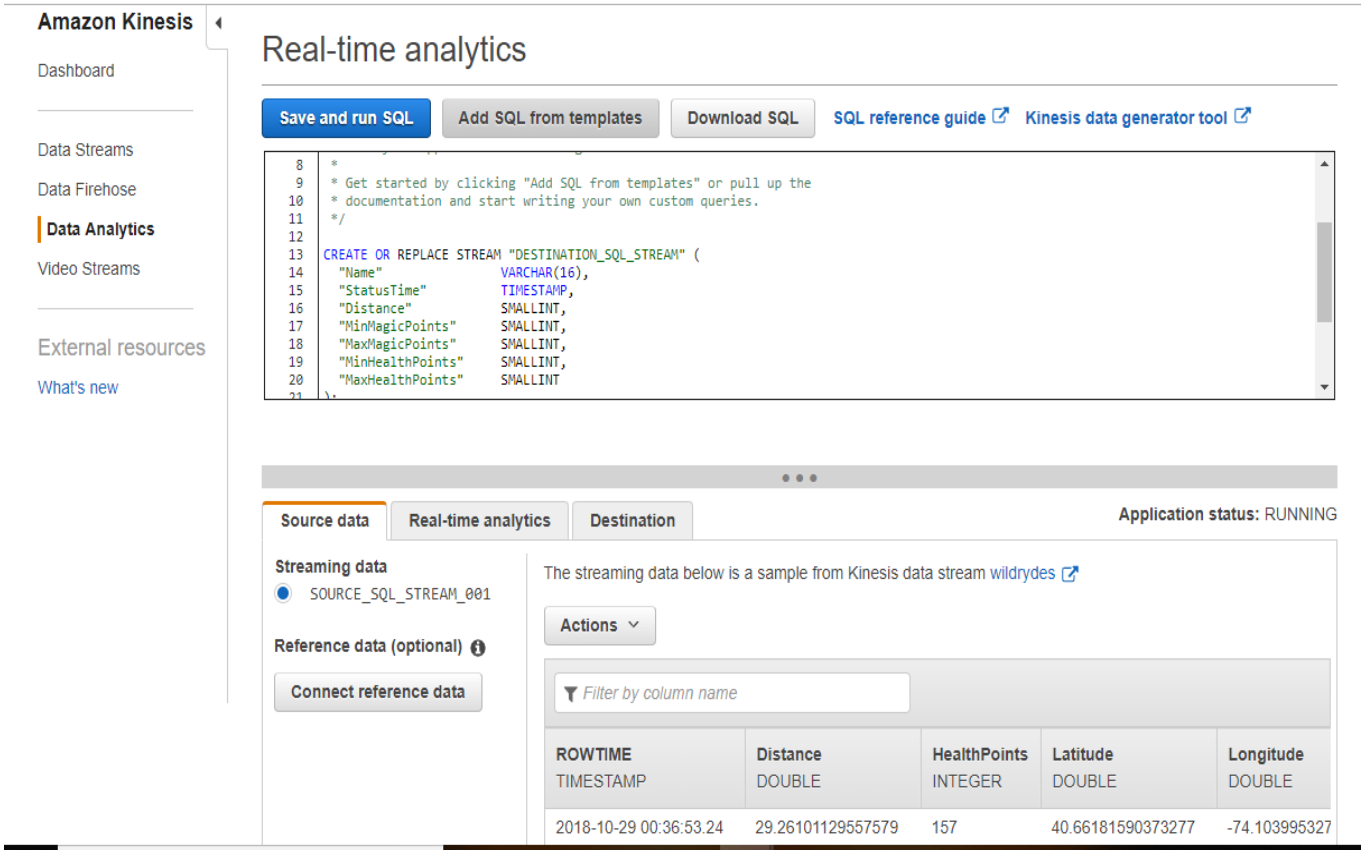
Consumer - output – displays producer data in Json



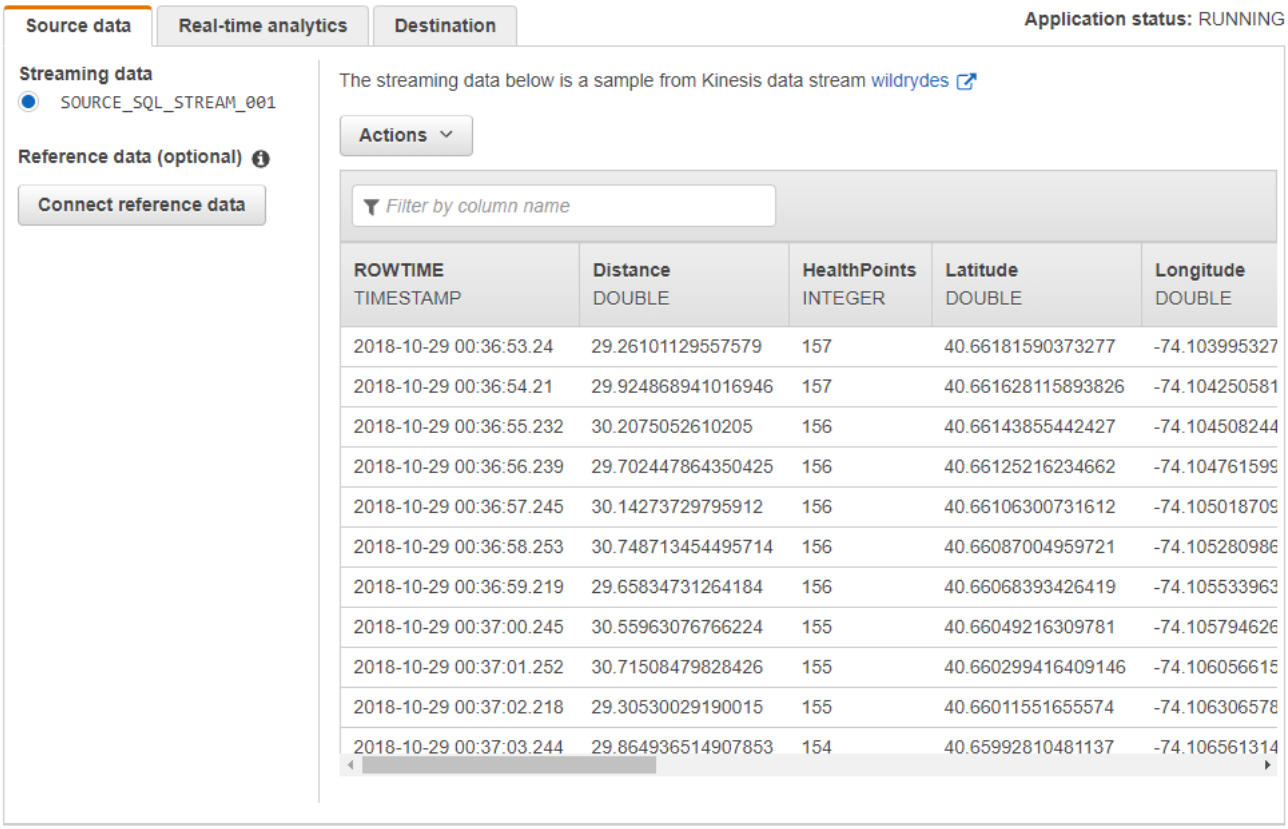
Output – Dashboard display stream data results on User Interface



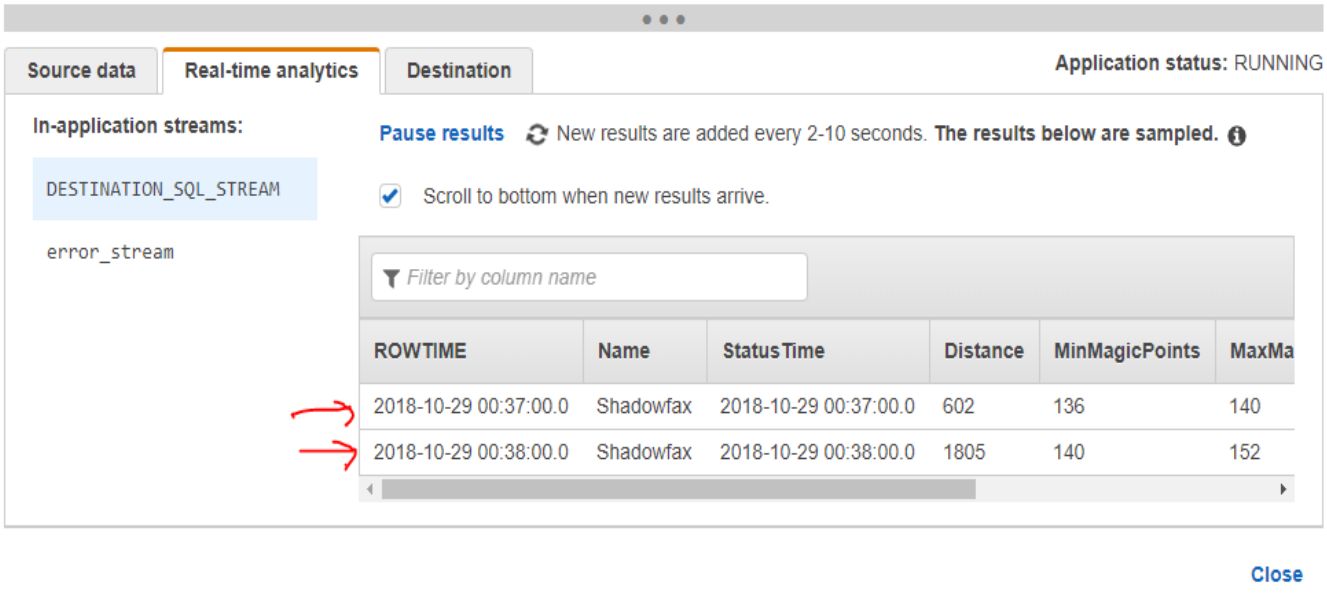
Kinesis Analytics application - Real Time data analytics output



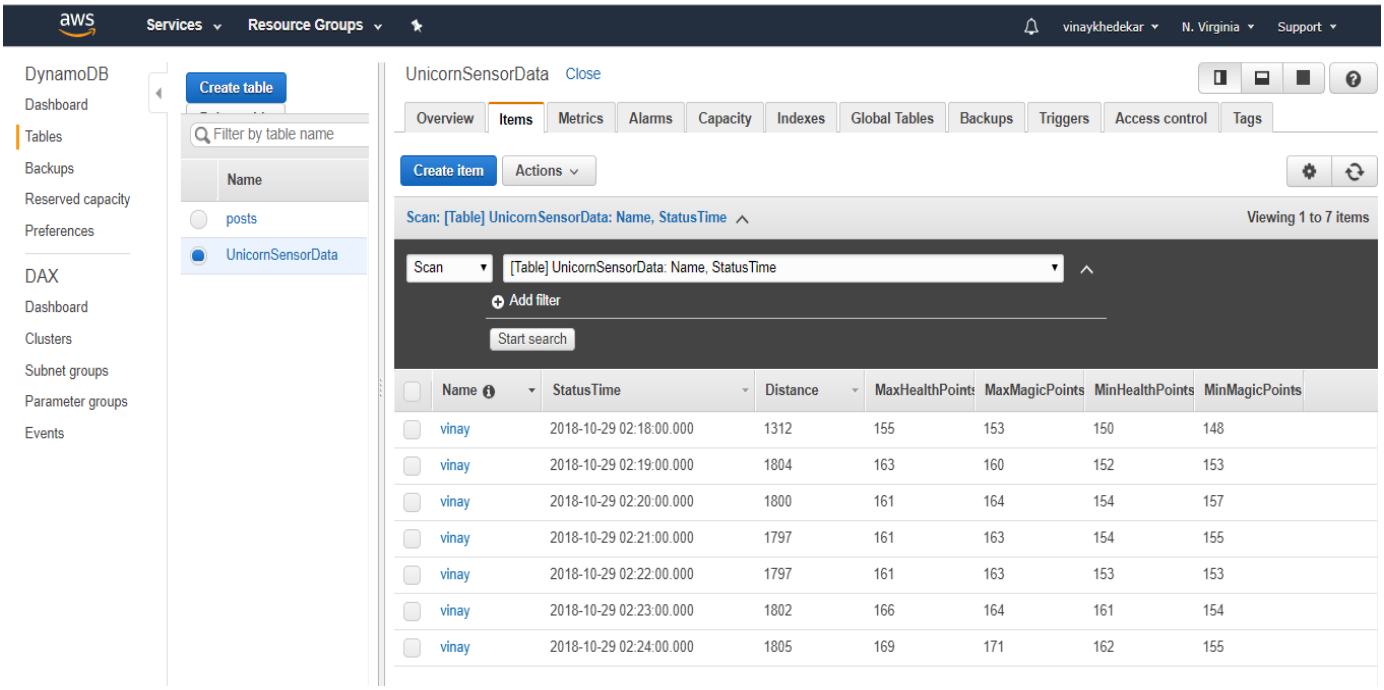
DataStream Output



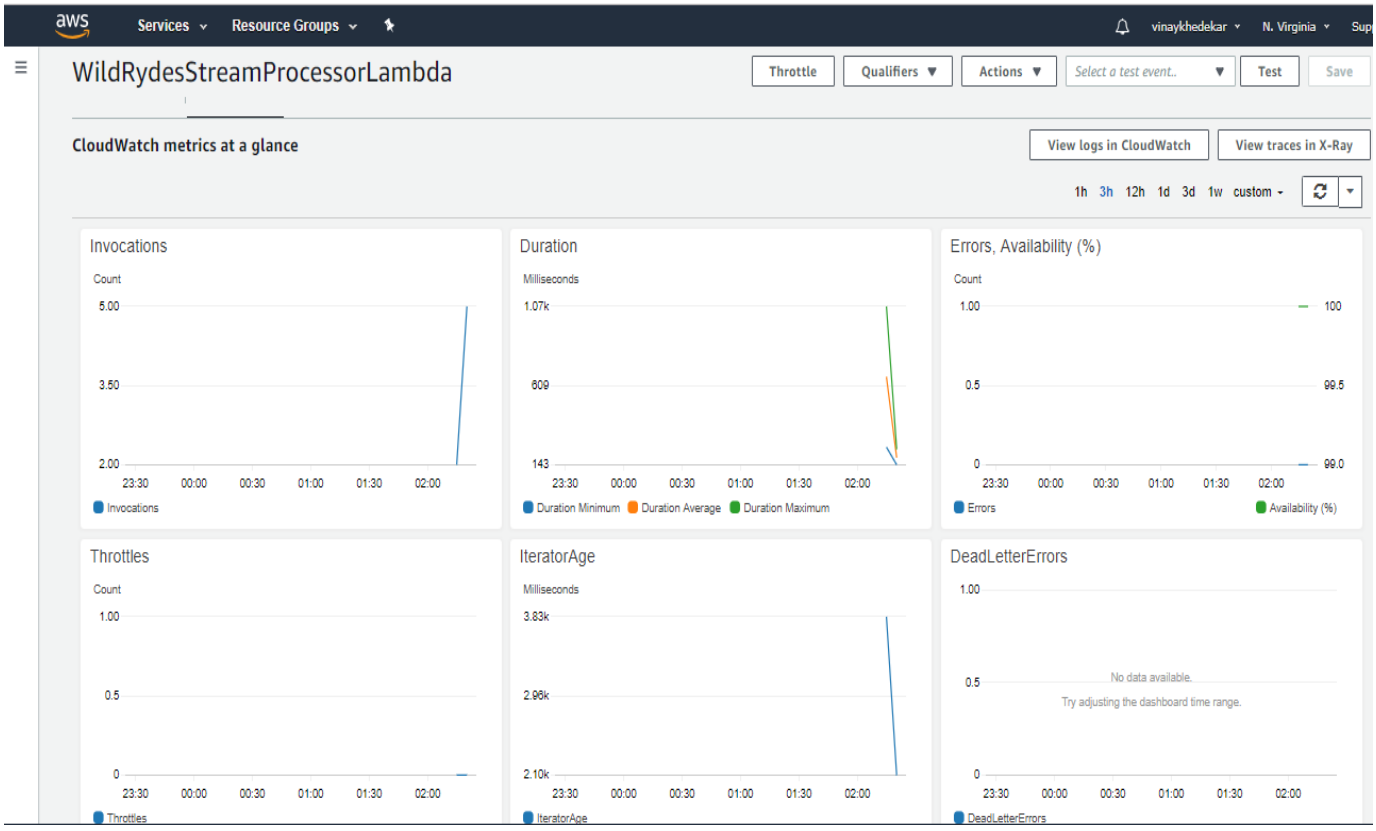
After analytics – summery results



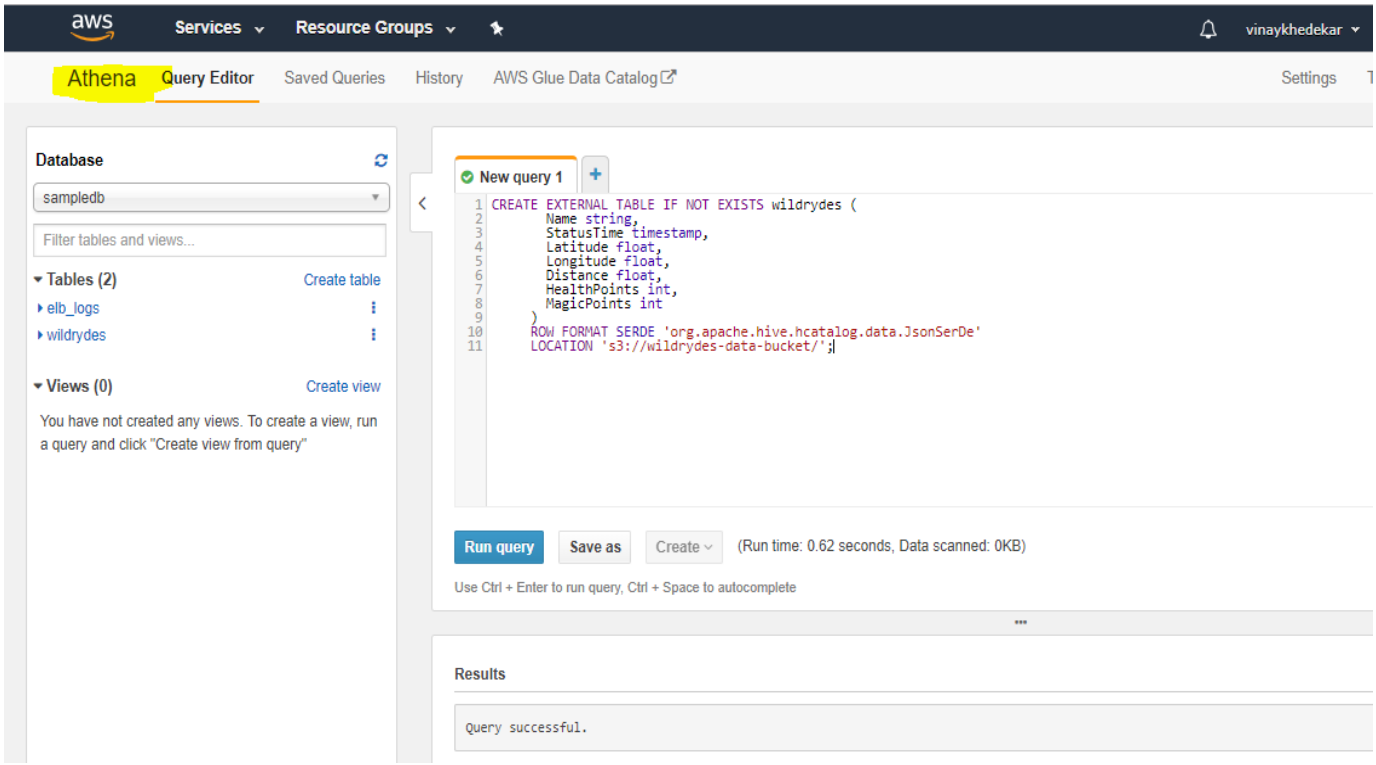
Store Stream data into DynamoDB



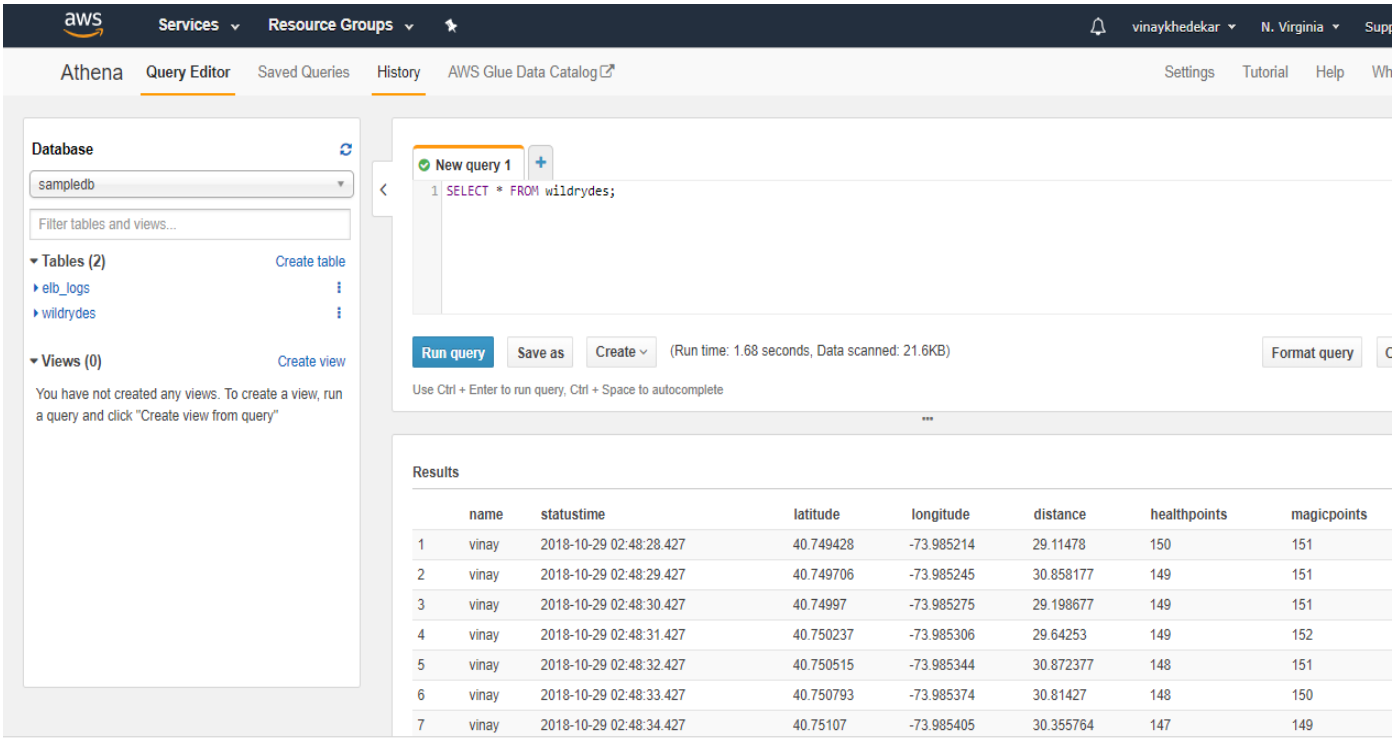
Lambda monitoring logs – triggered when new data stream produced



Amazon Athena – In place query on raw stream data



Kinesis data firehose - Query operation on data stored in s3 bucket



	name	statustime	latitude	longitude	distance	healthpoints	magicpoints
1	vinay	2018-10-29 02:48:28.427	40.749428	-73.985214	29.11478	150	151
2	vinay	2018-10-29 02:48:29.427	40.749706	-73.985245	30.858177	149	151
3	vinay	2018-10-29 02:48:30.427	40.74997	-73.985275	29.198677	149	151
4	vinay	2018-10-29 02:48:31.427	40.750237	-73.985306	29.64253	149	152
5	vinay	2018-10-29 02:48:32.427	40.750515	-73.985344	30.872377	148	151
6	vinay	2018-10-29 02:48:33.427	40.750793	-73.985374	30.81427	148	150
7	vinay	2018-10-29 02:48:34.427	40.75107	-73.985405	30.355764	147	149