POOL TEMPERATURE MANAGEMENT

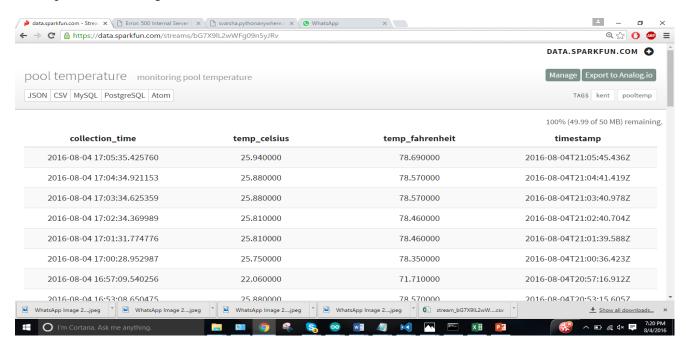
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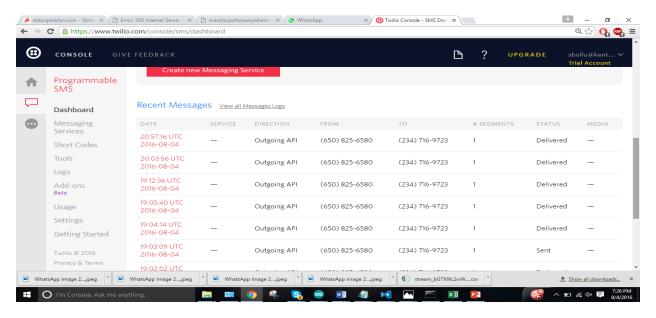
Introduction: Pool temperature Management system is mainly about monitoring the temperature in pool using one wire with aurdio sensor. This is where I placed my aurdio set in the pool.



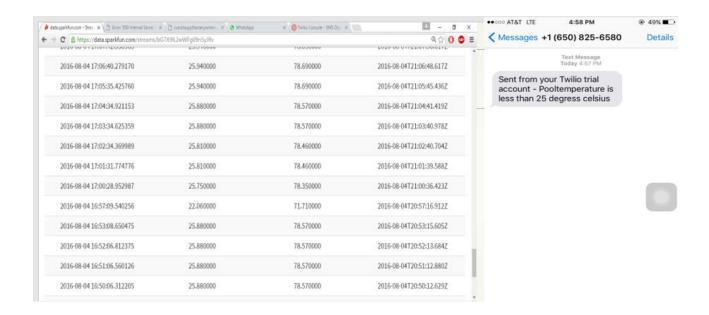
Data Spark fun: Creating a stream that handles the data from the sensor



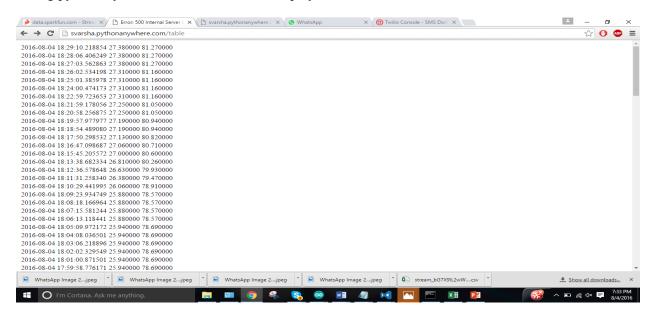
After getting the data into the stream, then we need to check the temperature range of the pool should be 25-28 Celsius. To know when your pool temperature is not in the range I used twilio a good python interactive console for SMS.



When the temperature is around 22 Celsius, which is not in the range of the pool temperature it is around 16:57 in collecting time, and SMS is sent to my phone at the same time (16:57) 4:57 pm.



Using pythonanywhere the stream data is displayed in table.



Using google charts: Temperature v/s timenode

