**Sensor data:**

SELECT data\_hora AS timestamp, estado AS measurement FROM registos\_atuadores WHERE (data\_hora >'2018-05-08 16:39:57.2') AND tipo='temperatura' AND moteid=1 AND (data\_hora <'2018-05-08 17:39:57.2')

SELECT data\_hora AS timestamp, valor AS measurement FROM registos\_sensores WHERE (data\_hora >'2018-05-08 16:39:57.2') AND tipo='temperatura' AND moteid=1 AND (data\_hora <'2018-05-08 17:39:57.2')

**Atuador data:**

SELECT \* FROM atuador

UPDATE atuador SET estado=1 WHERE tipo='Temp'

**Configuration Data**

UPDATE sensor SET moteid=1 WHERE (sensorid=5);UPDATE sensor SET moteid=2 WHERE (sensorid=1);SELECT sensorid,moteid FROM sensor WHERE (sensorid=1 OR sensorid=5)

**Control Rules Data**

SELECT regras.temperatura AS nova\_referencia ,regras.moteid AS moteid,sensor.tipo AS tipo FROM regras,sensor WHERE regras.moteid=1 AND sensor.moteid=regras.moteid AND sensor.tipo='Temp'

**MEDIUM**

**Sensor data:**

SELECT AVG(valor) AS Average,moteid AS Room FROM registos\_sensores WHERE tipo='temperatura' AND (data\_hora >'2018-05-20 16:39:57.2') AND (data\_hora <'2018-05-28 17:39:57.2') GROUP BY moteid

**Atuator data:**

SELECT COUNT(DISTINCT estado) AS change , moteid AS Room FROM registos\_atuadores WHERE (tipo='temperatura') AND (data\_hora >'2018-05-21 21:44:48.387342') AND (data\_hora <'2018-05-28 17:39:57.2') GROUP BY moteid

**Configuration Data**

SELECT COUNT (DISTINCT tipo) AS count,moteid AS room FROM sensor GROUP BY moteid

**Control Rules Data**

SELECT numero\_regras AS rules , moteid AS room FROM regras