Create database tables as per below schema

machine_data			machine_details	
machine_id	text		machine_id	text
param_name	text		machine_name	text
param_value	float		machine_oem	text
update_ts	timestamp			

Populate dummy data as below (100 samples)

Sample Params	temperature (celcius)	pressure (psi)	cycle_time (seconds)
Sample Values Range	125-145	120-150	40-45

Create an API endpoint in python to query machine_data for analytics. Join against machine_details to return summary data (statistical data of above params) for the 100 samples. Results should be in json object as follows:

```
{
   machine_name: "Machine1",
   machine_id: "12345678",
   machine_oem: "OEM1".
   analytics:{
      temperature: { … },
      pressure: {  … },
      cycle_time:  { … }
   }
}
```