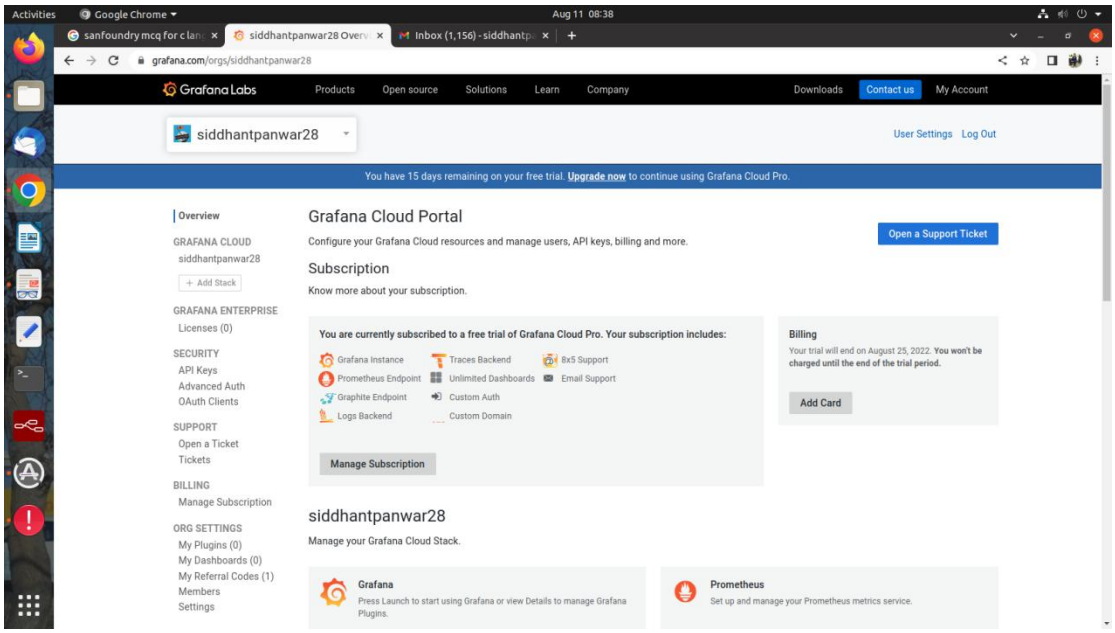
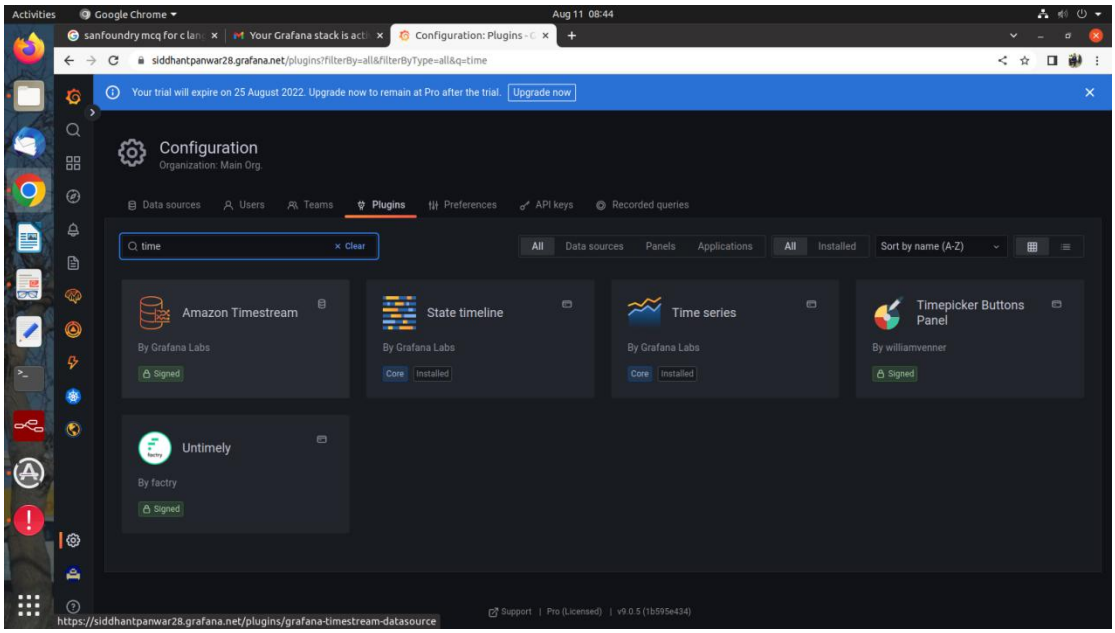
1)Make grafana Account and wait for the stack active e-mail from Grafana(2-3 mins wait)

-->Reopen tabs to refresh



2)Goto -->Settings --> Configuration --> Plug-ins --> search 'Amazon Timestream' & then install it

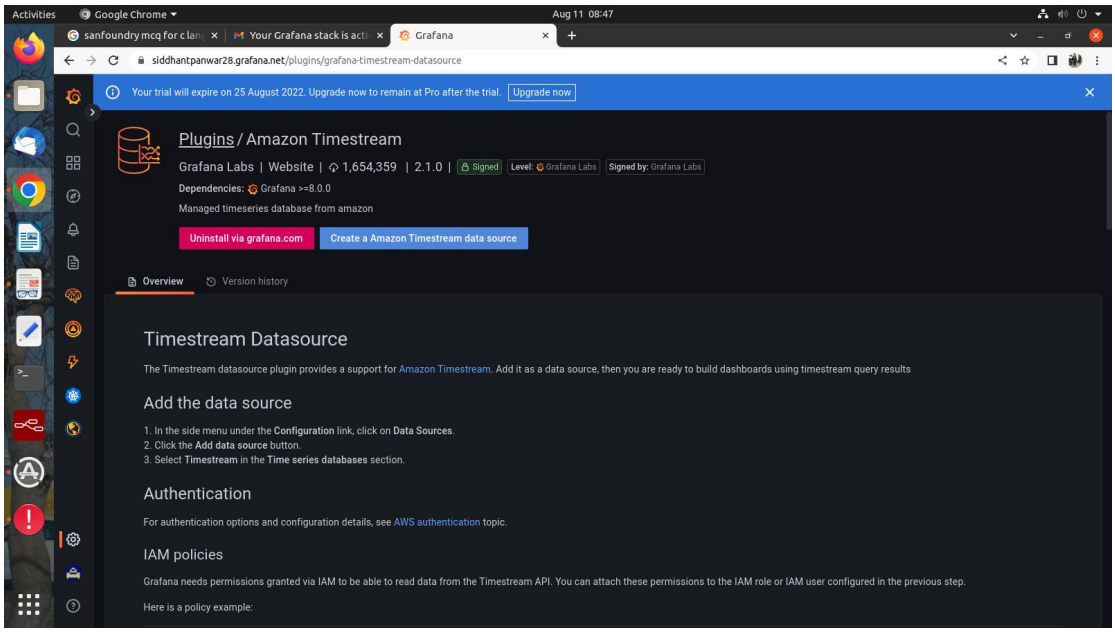
-->Reopen Grafana to refresh

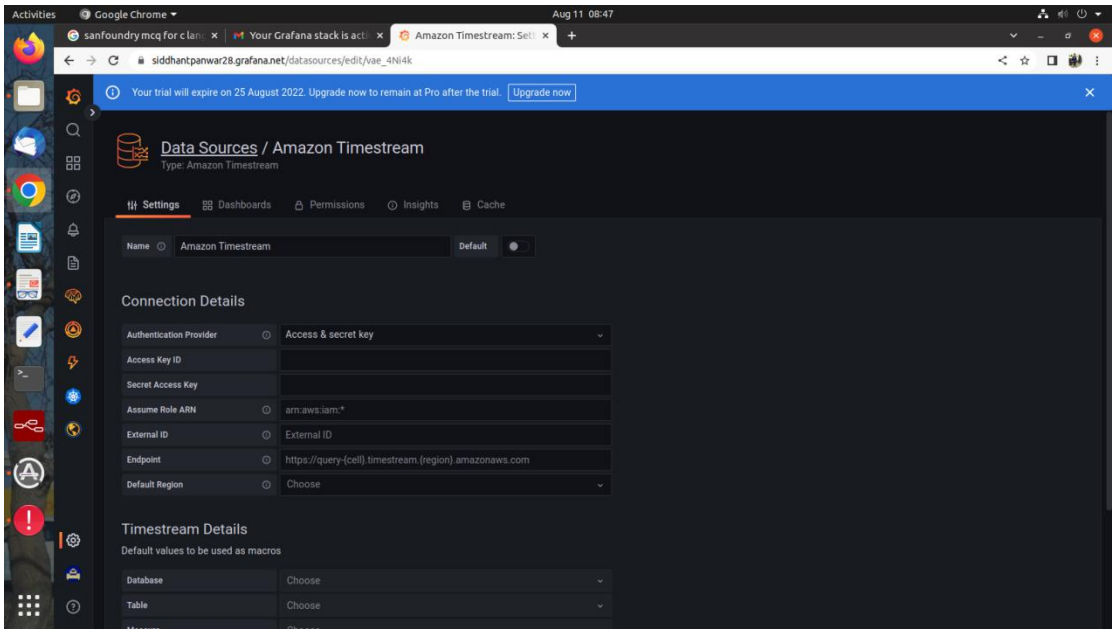


3)Goto -->Amazon Timestream again and then click 'Create a Amazon Timestream data source'

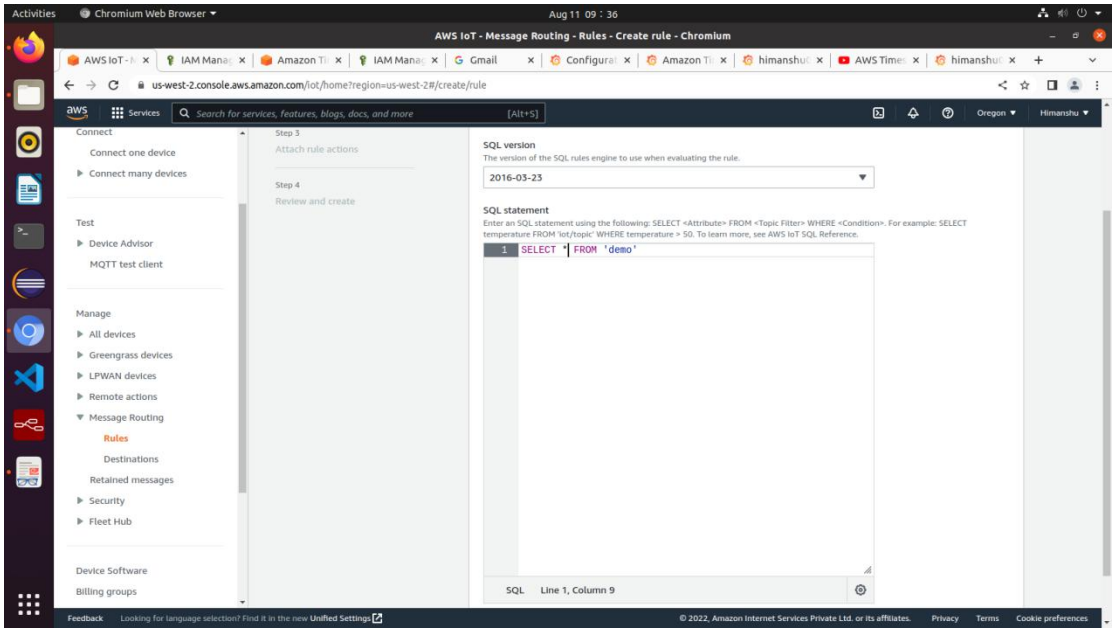
Now we are on Connection Details page.

Need 'Access Key id' and 'Secret Access Key'

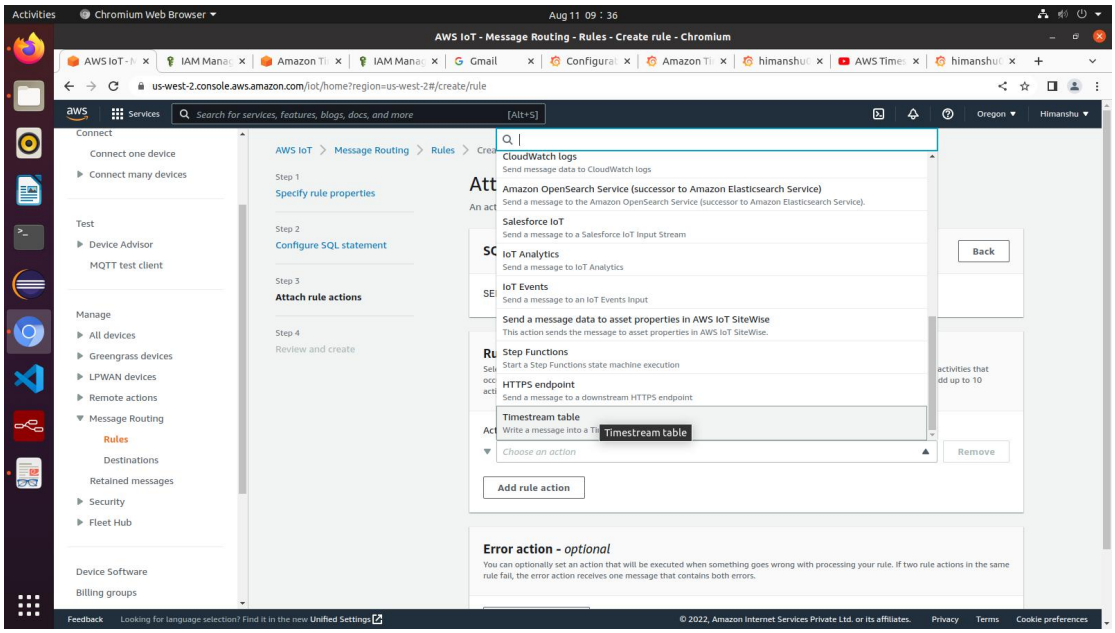


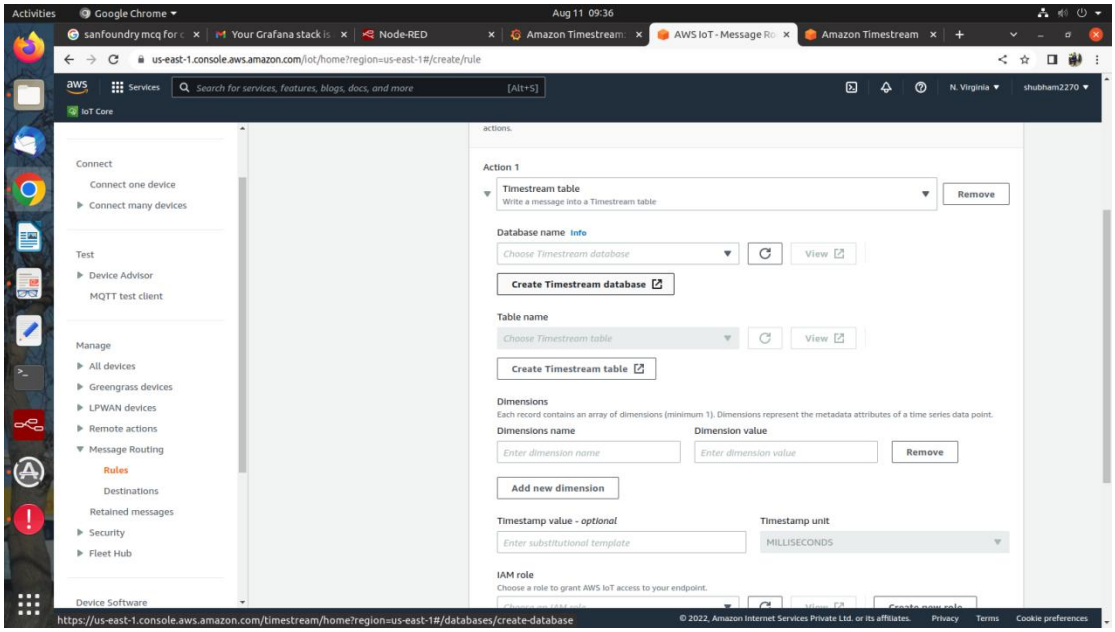


4)Now Goto -->AWS IoT --> Message Routing --> Rules -->Create Rule -->Name --> SQL Statement --> SELECT * FROM 'demo'



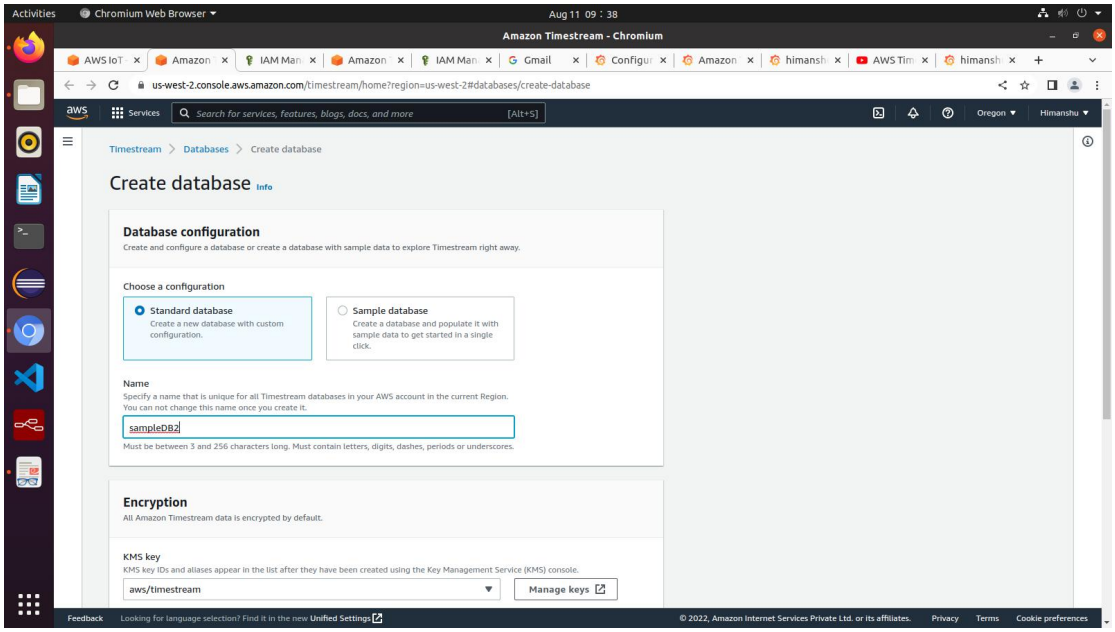
--> Rule Action --> Action1 --> Choose TimeStream Table.



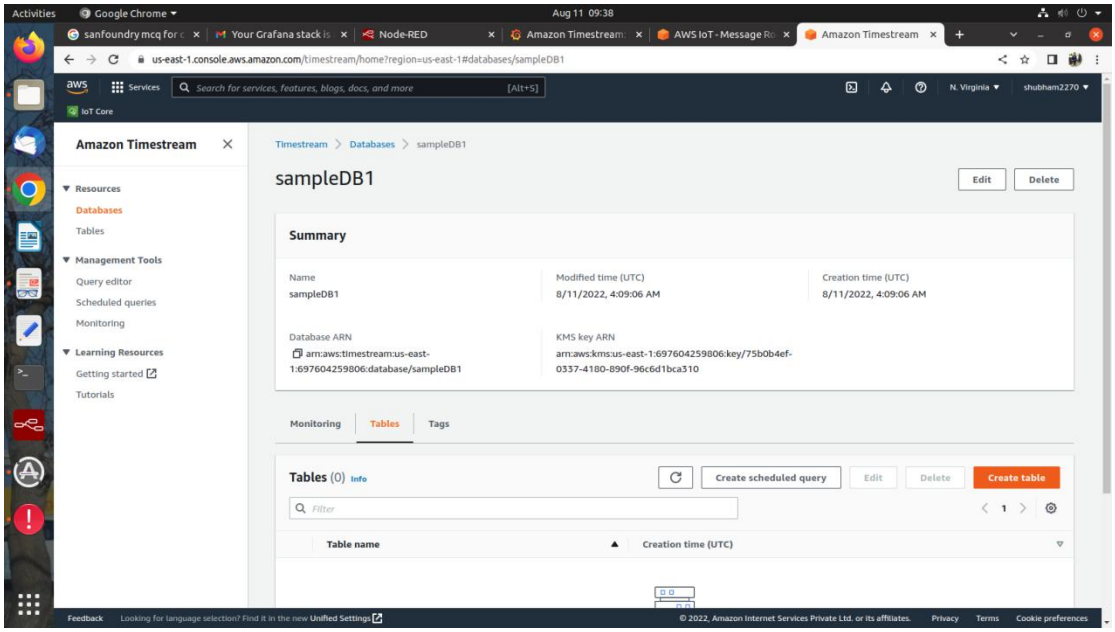


--> Click on Create Timestream Database --> Select Standard Database.

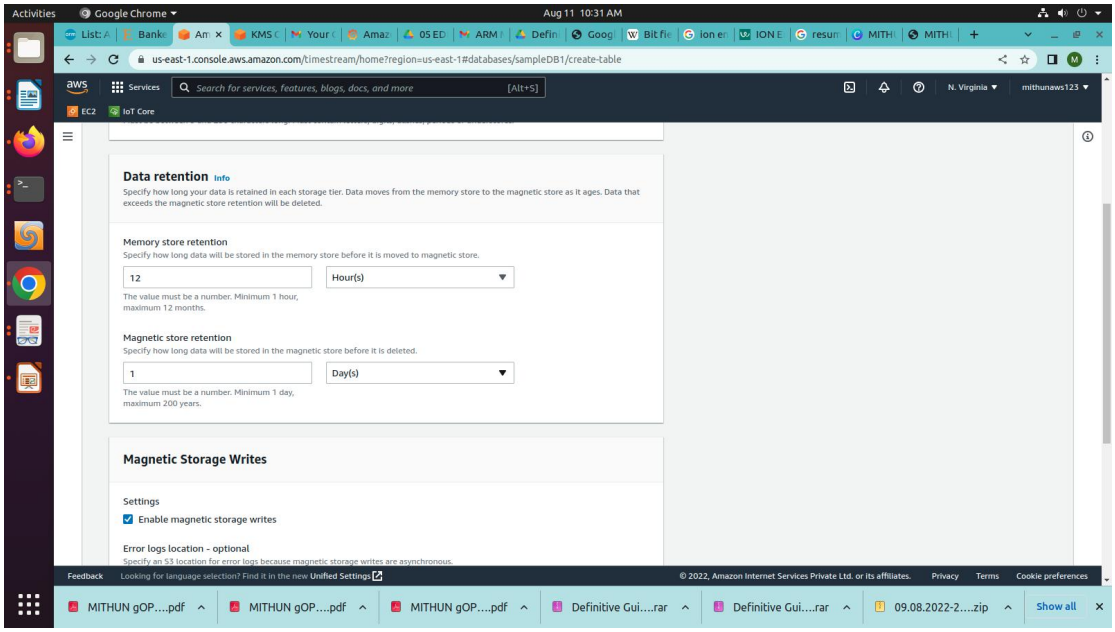
--> Give name(SampleDB) and then Click on Create.



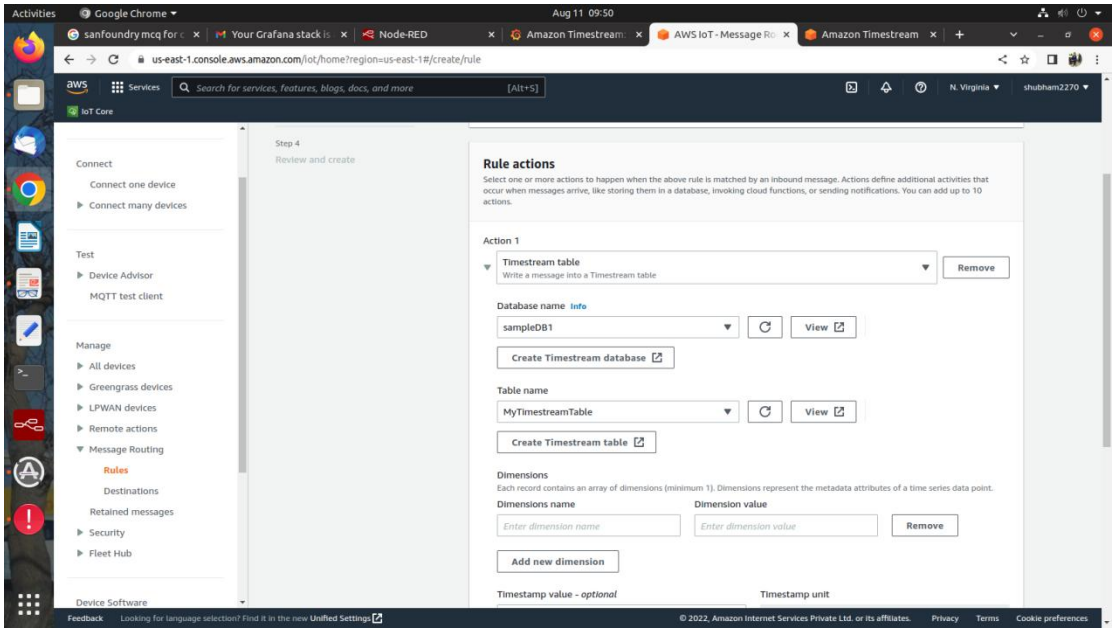
--> Goto SampleDB tab --> Tables --> Create Table --> Give name (myTimestreamTable)



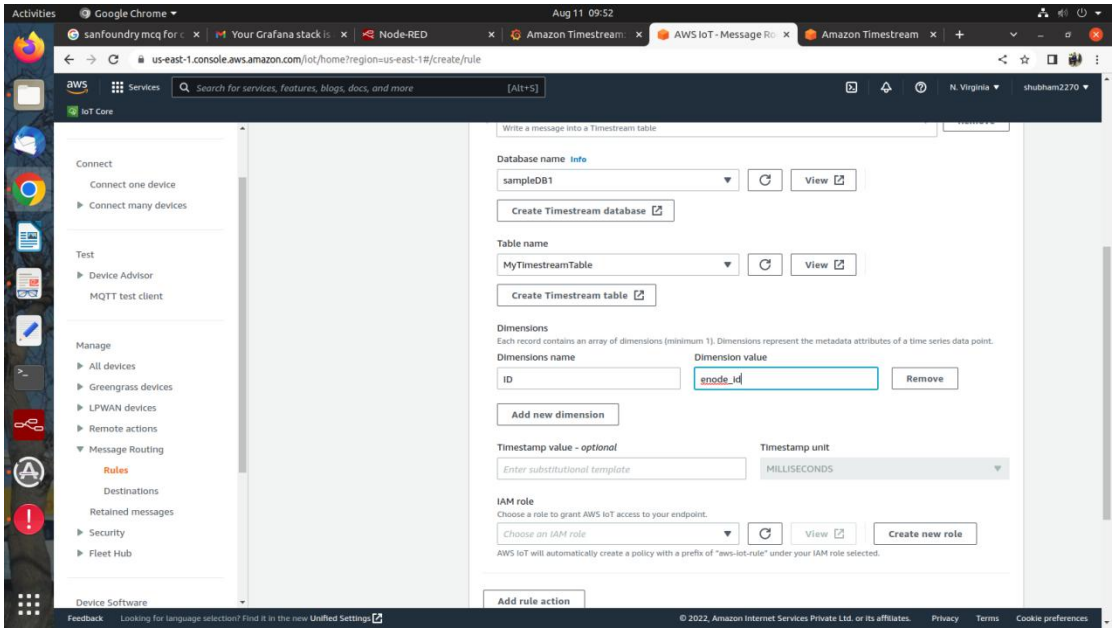
--> in Data Retention --> Select 12 Hours & 1 Day --> select Create Table.

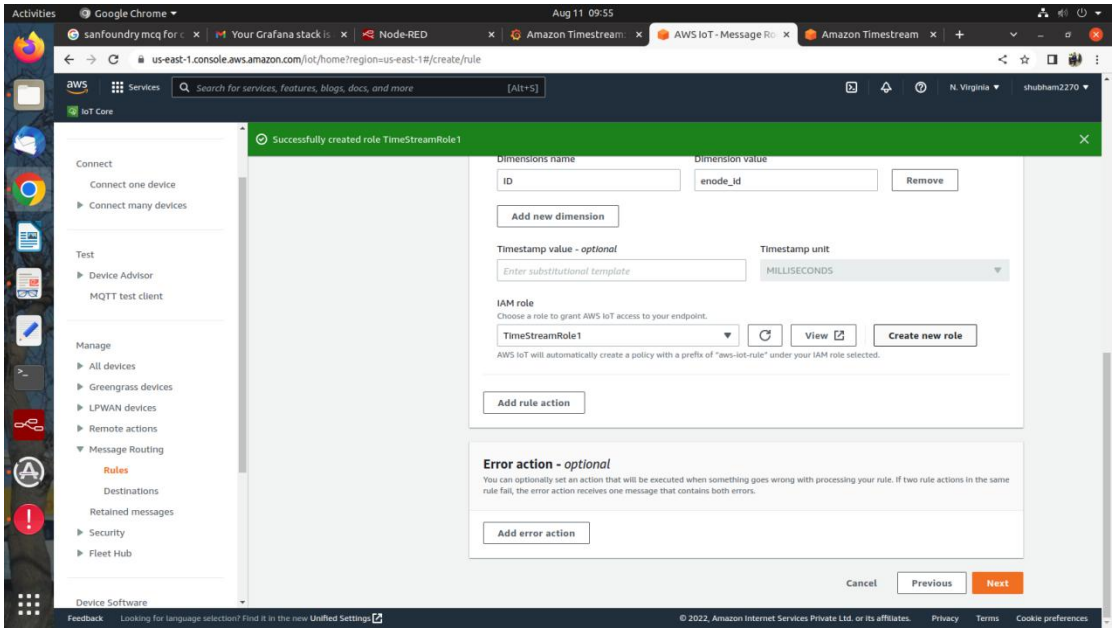


5)Goto Previous tab (Rules) --> Refresh and Select Database name and Table name.

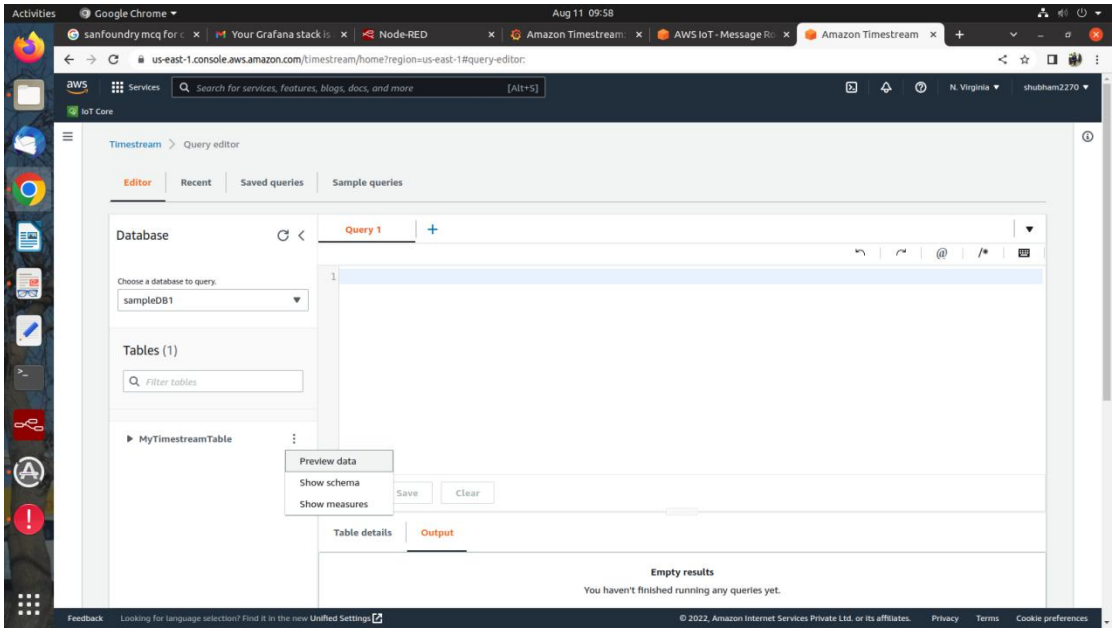


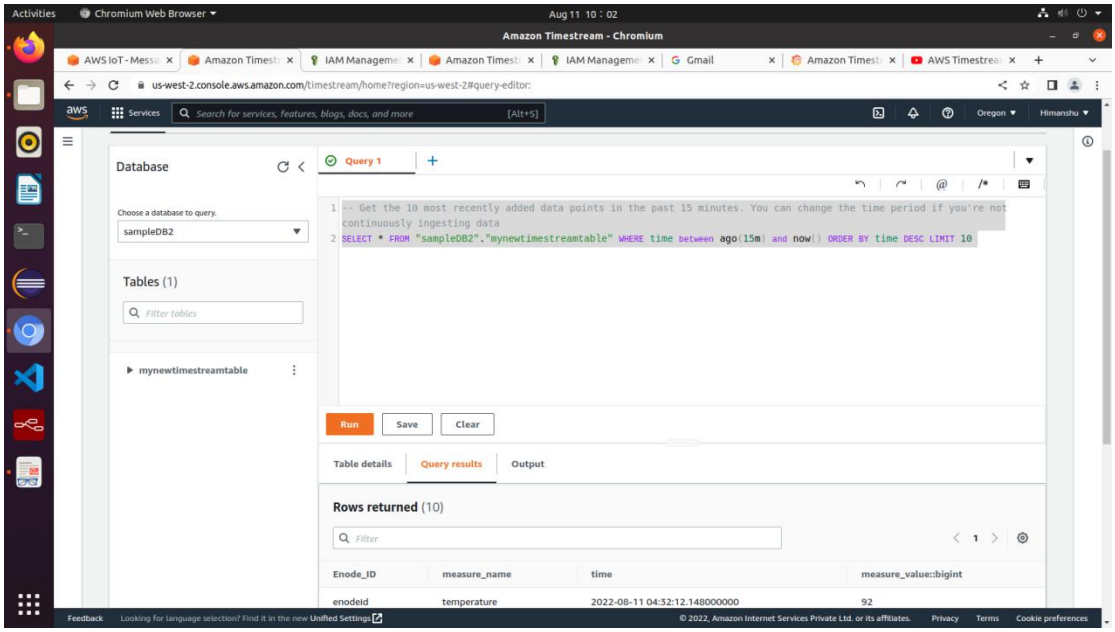
--> in Dimensions --> Give Name(any) and Dimension value --> 'enode_id'(should be same as in NodeRed json msg)



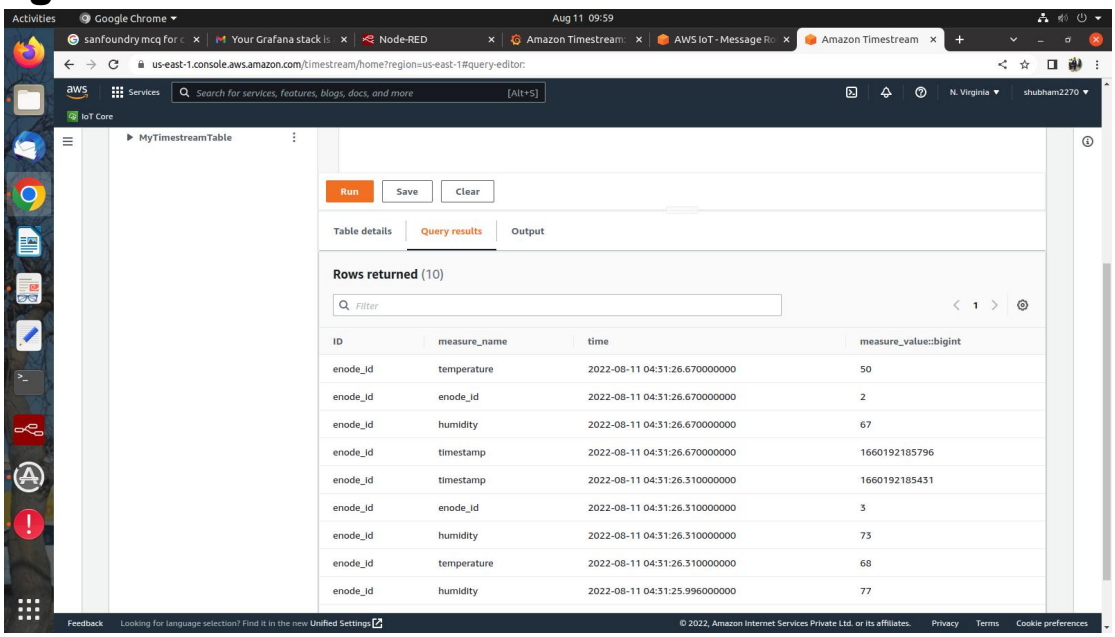


7)Goto TimeStream tab --> Query Editor -->(In tables) On Timestream --> select Three dots --> Preview Data --> New Query Will come

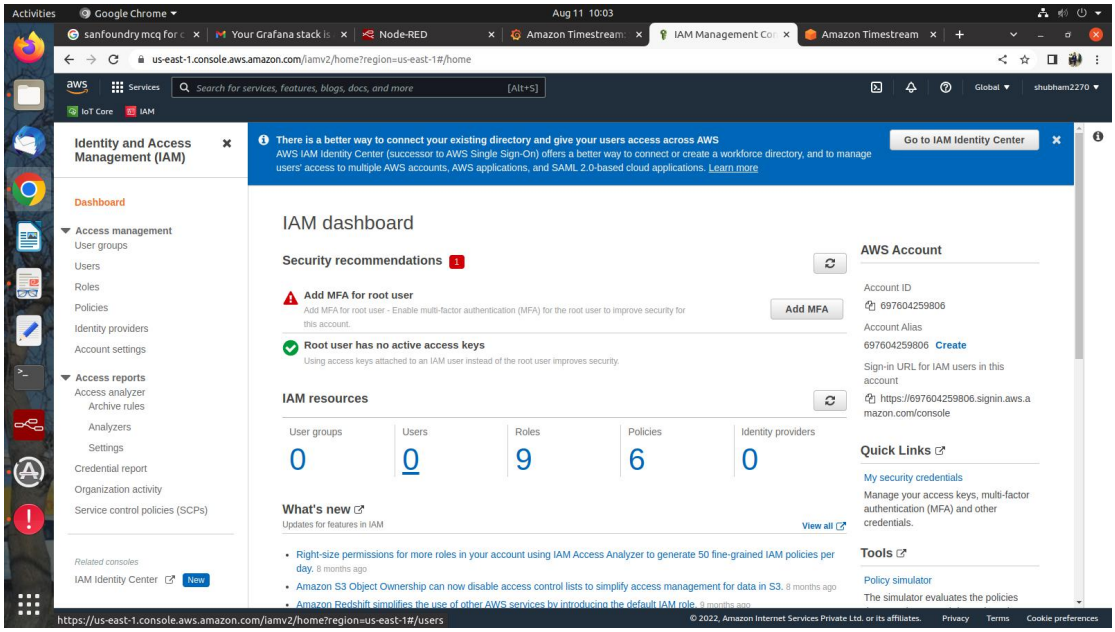




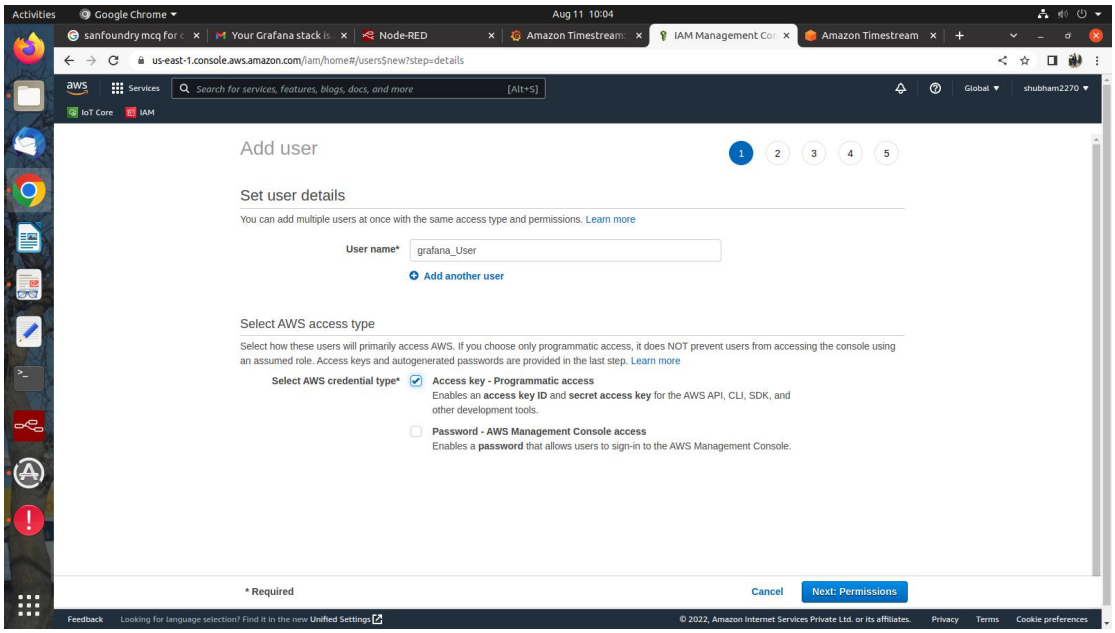
--> Run and Send Data From NodeRed and Check again.



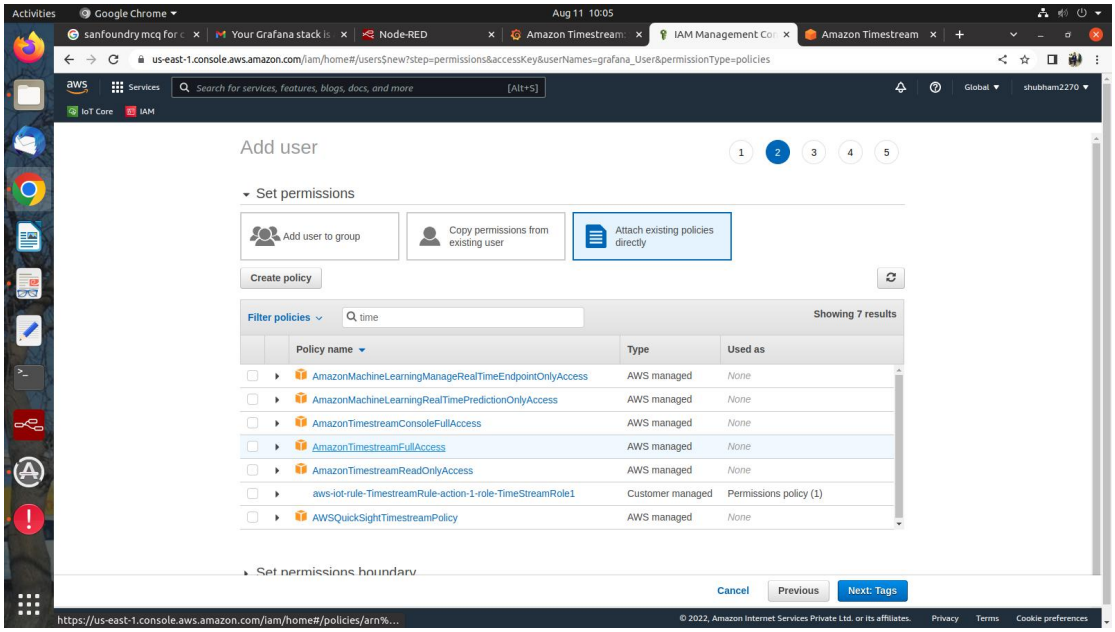
8)To give Access to Grafana --> Goto IAM service --> Users --> Add Users



--> userName(any) & select(tick on) Access Key and click next

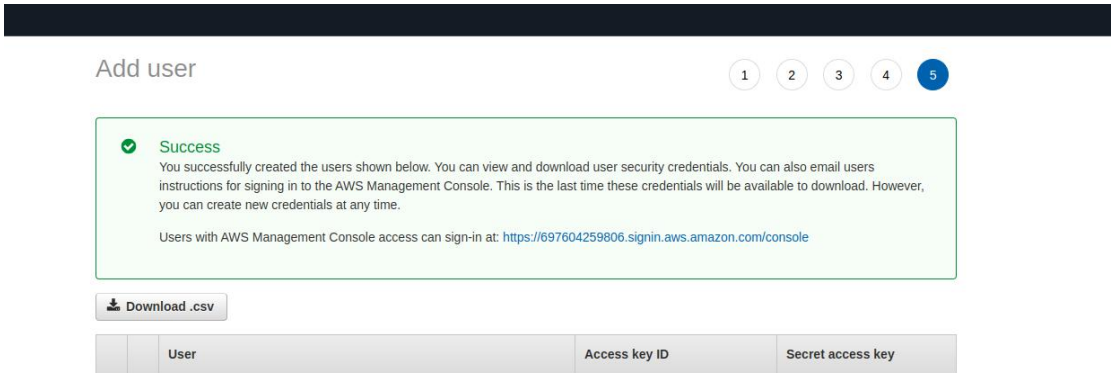


--> click on Attach existing Policies --> select 'Amazon Timestream Full Access' --> next and Create.



9) Now Copy Access Key id & Secret Access key(from AWS) to Respective fields(In Grafana --> Connection Details).

-->then Select Region.



10) After Connection Success DatabaseTable should appear

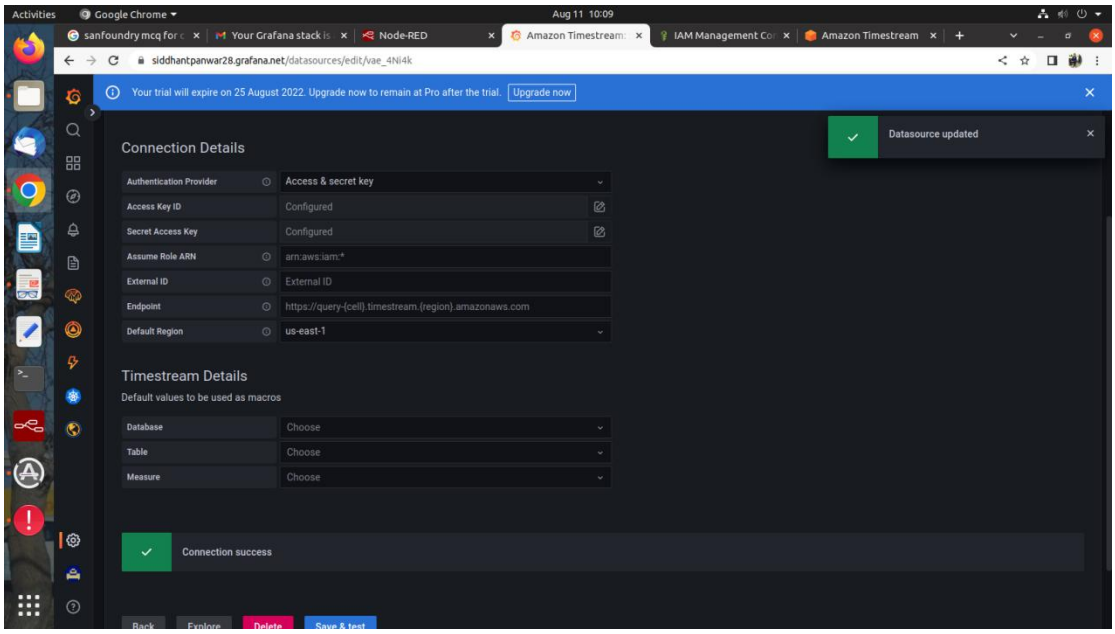
--> in Timestream Details

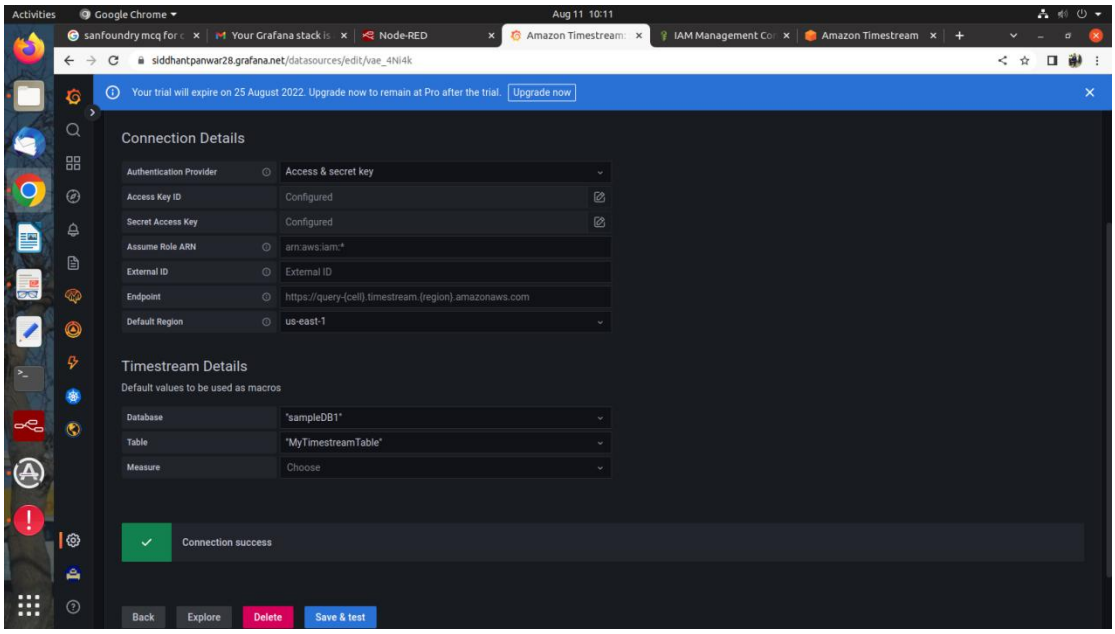
--> Database = 'SampleDB"

--> Table = 'myStramTable'

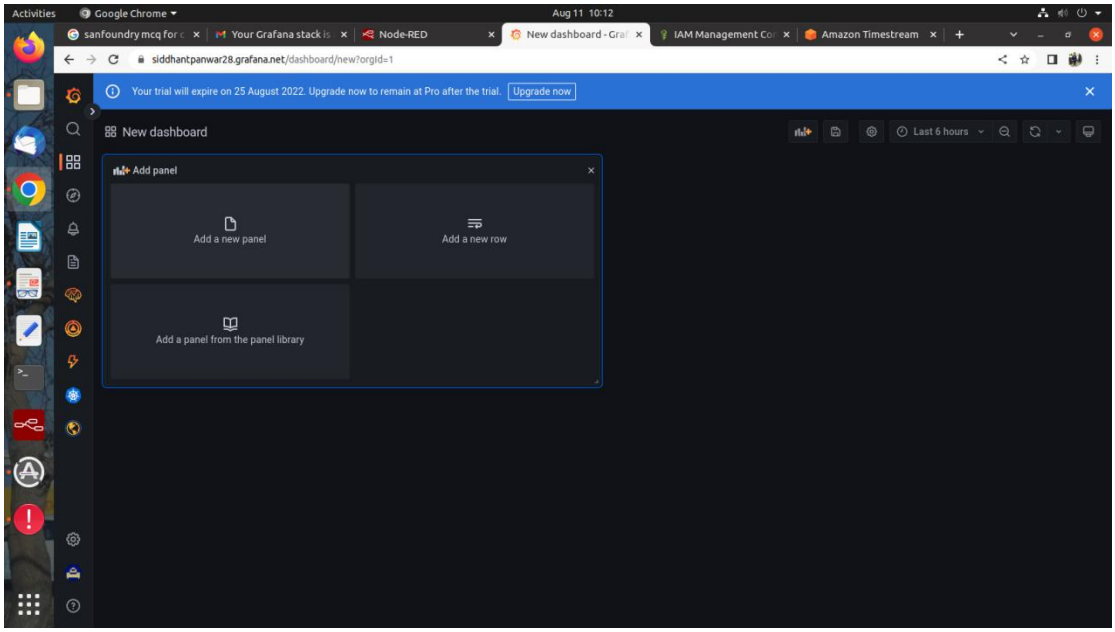
--> Measure = can be left

--> click Save & test below.

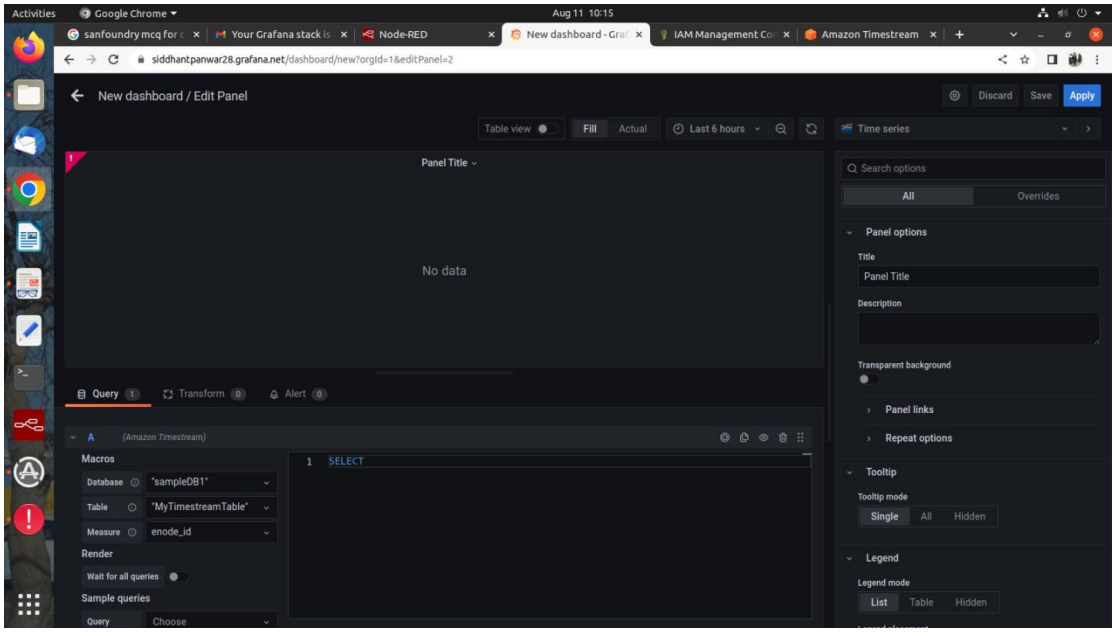




11) Now Goto Dashboards --> Create New Dashboard --> Add a new Panel



--> in 'Data source' --> select 'Amazon Timestream'



--> Right Side Name the Table in 'Title'

--> in Sample Queries --> Select 'First 10 Rows'.

--> Now in Terminal(at line 1) --> Add SQL Query --> (different for different plots)

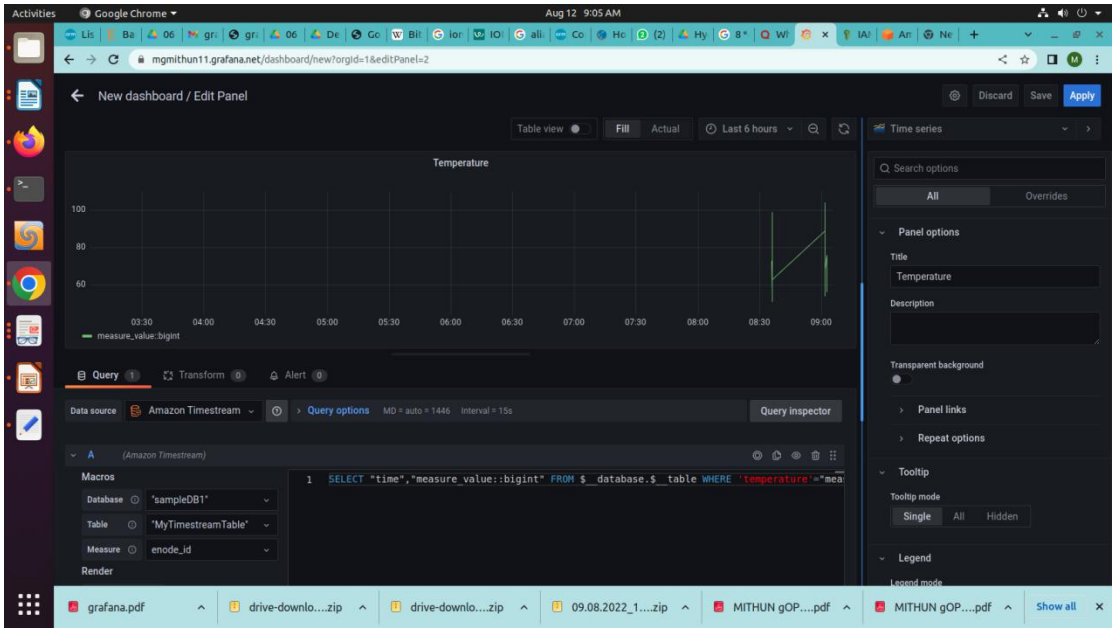
--> For Humidity Plot -->

```
SELECT "time","measure_value::bigint " FROM $__database.$__table WHERE 'humidity' = "measure_name"
```

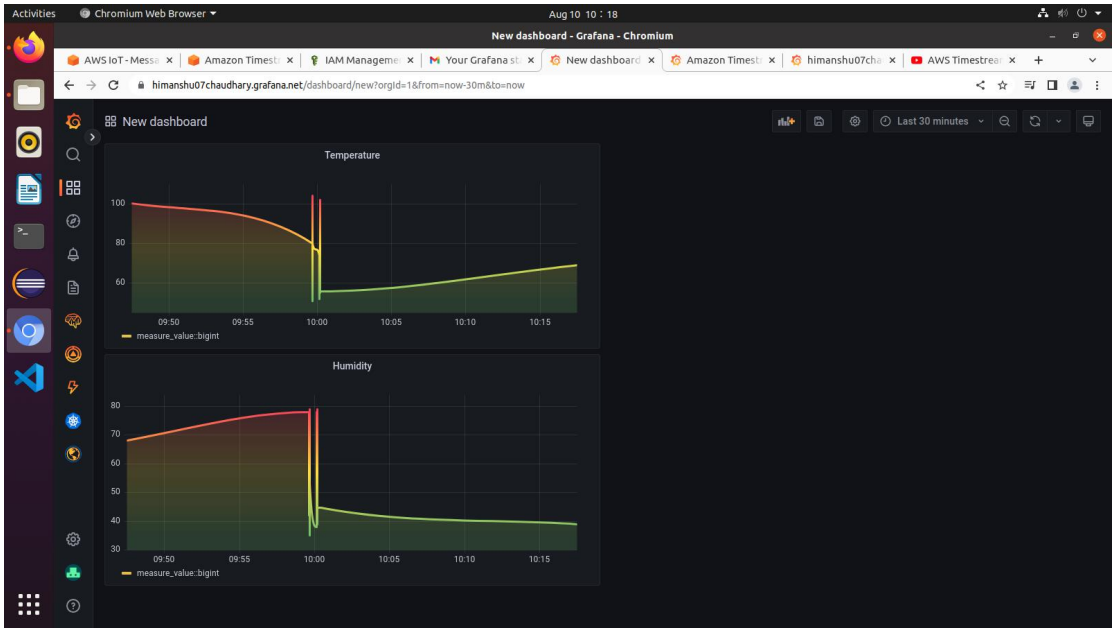
--> For Temperature Plot -->

```
SELECT "time","measure_value::bigint" FROM $__database.$__table WHERE 'temperature' = "measure_name"
```

--> then Click Apply.



12) Now Send Data from NodeRed and Refresh For graph plot.



==== THANK YOU!!!!! ====