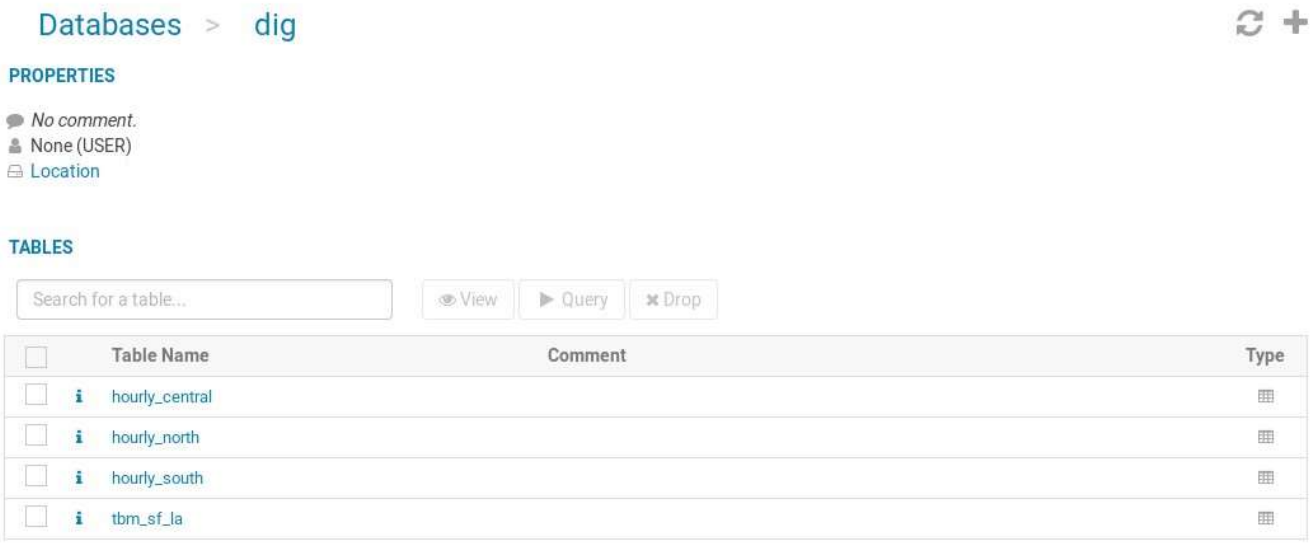
For this assignment, you will create a table with data describing an underground tunneling project.

If you took the second course in this specialization (*Analyzing Big Data with SQL*), recall that the peer-reviewed assignment asked you to analyze flights data to select a profitable route for an underground high-speed rail tunnel. Based on your analysis and on other factors, construction has begun on a tunnel connecting **San Francisco** and **Los Angeles**. The tunnel will be dug over a period of ten years. It will be dug in three different sections by three tunnel boring machines (TBMs) named **Bertha II**, **Shai-Hulud**, and **Diggy McDigface**.

Each of these TBMs will generate a large volume of data as it operates. Each TBM will generate the data slightly differently. Simulated versions of the three TBM-generated datasets are provided. You must create a table on the VM and load these datasets into it. Then you must create and upload a document describing the steps you performed to complete this task.

This is the result of creating the dig database and combineing the data in the hourly tables in the tbm_sf_la table.



Output of the query on the tbm_sf_la table.

0.89s dig text ?

```
SELECT tbm, COUNT(*) AS num_rows
FROM dig.tbm_sf_la
GROUP BY tbm
ORDER BY tbm;
```

Query History | Saved Queries | Results (3)

	tbm	num_rows
1	Bertha II	91619
2	Diggy McDigface	93163
3	Shai-Hulud	94237

Output of the data types in the tbm_sf_la table.

0.71s dig text ?

```
DESCRIBE dig.tbm_sf_la;
```

Query History | Saved Queries | Results (8)

	name	type	comment
1	tbm	string	
2	year	smallint	
3	month	tinyint	
4	day	tinyint	
5	hour	tinyint	
6	dist	decimal(8,2)	
7	lon	decimal(10,5)	
8	lat	decimal(10,5)	