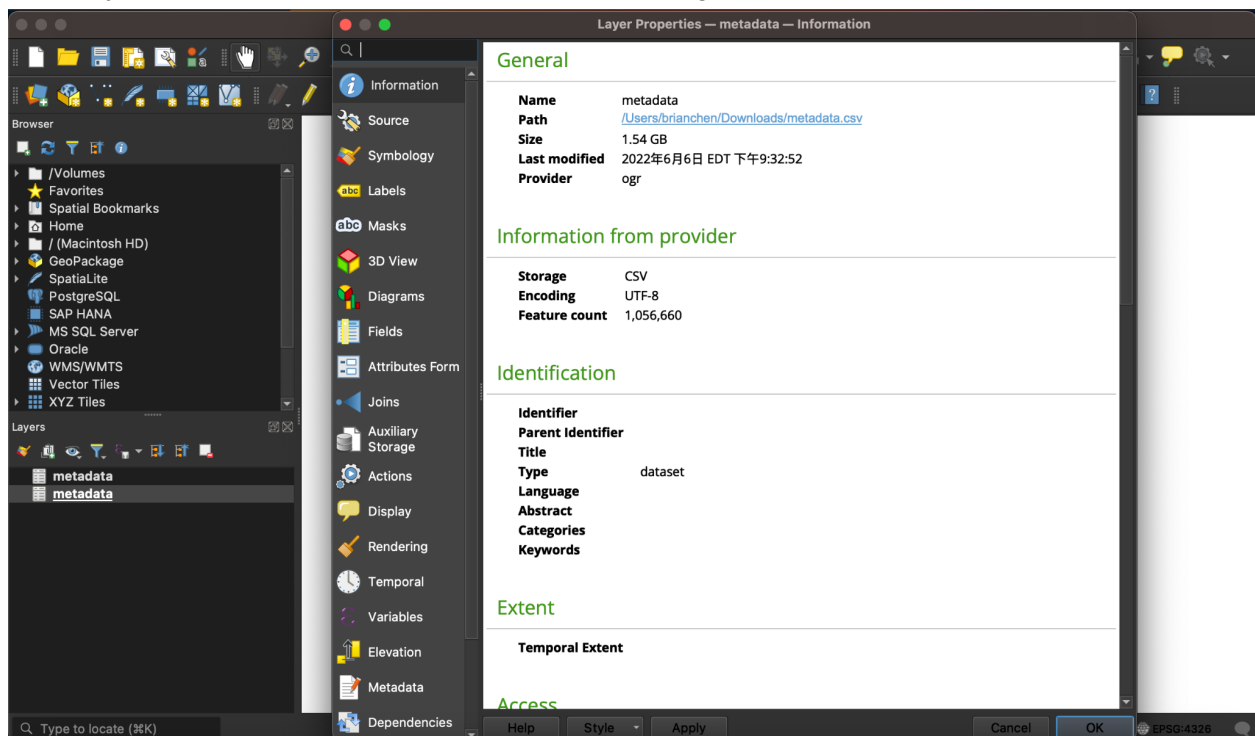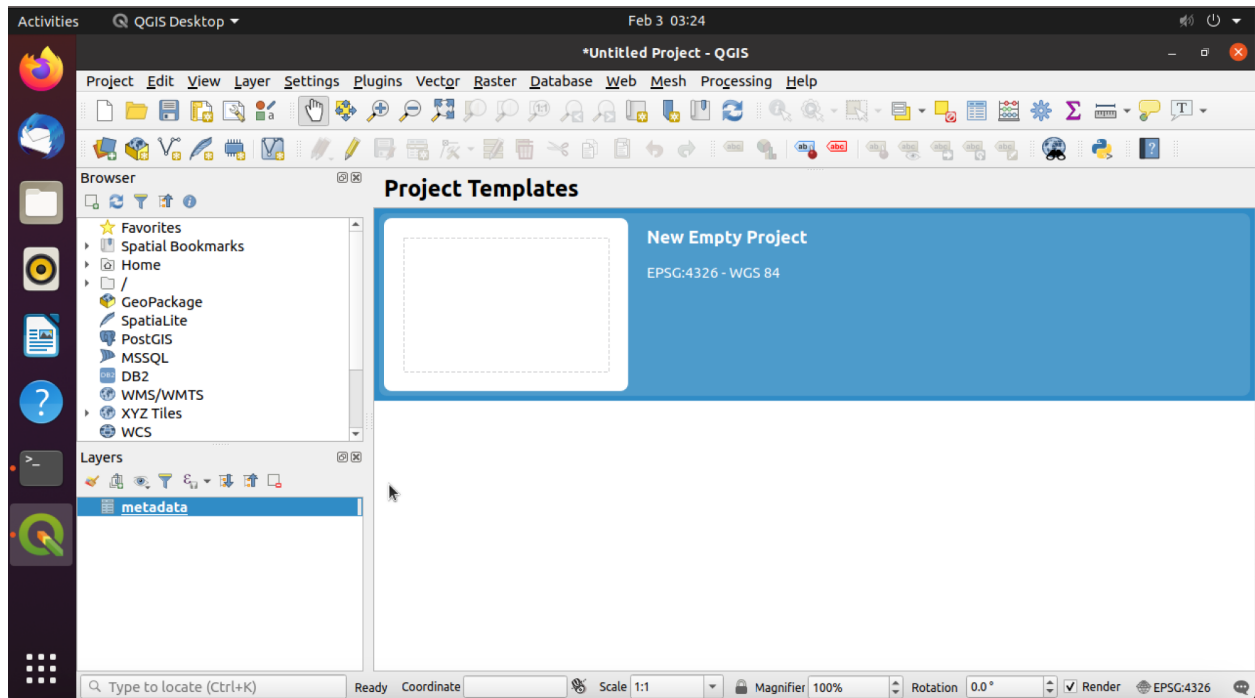To compare the difference between running QGIS on host and on Virtual Machine, when they are running a massive data set, the time they need to upload the data is different. The time QGIS on the host just needs 0.1 second to upload and add massive data, however QGIS on VM need to spend 6-7 seconds to upload completely. In my opinion, the reason for this difference is the core and RAM they have. When I create this VM, I only give 2GB RAM to it, this condition seriously restricts how fast it can perform on uploading data.

Clusters   ➕ CREATE CLUSTER   ⟳ REFRESH   ▶ START   ■ STOP   🗑 DELETE   REGIONS ▾   ➕ 5 RECOMMENDED A

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☐	cluster-ab5e	✓ Running	us-east1	us-east1-d	2	Off	dataproc-staging-us-east1-8 u28ojvpk

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:uprf7la4s5ugkzulyba-dot-us-east1.dataproc.googleusercontent.com

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fabled-gist-235404 > cluster-ab5e   Sign out

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Lists and Indexing

```python
In [1]: num_list = [1, 2, 3, 4, 5, 6, 7, 8, 9]

        num_list[0]
Out[1]: 1
```

```python
In [2]: num_list[1:3]
Out[2]: [2, 3]
```

```python
In [3]: num_list[2:]
Out[3]: [3, 4, 5, 6, 7, 8, 9]
```

```python
In [4]: num_list*2
Out[4]: [1, 2, 3, 4, 5, 6, 7, 8, 9, 1, 2, 3, 4, 5, 6, 7, 8, 9]
```

```python
In [5]: num_list + num_list
Out[5]: [1, 2, 3, 4, 5, 6, 7, 8, 9, 1, 2, 3, 4, 5, 6, 7, 8, 9]
```

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