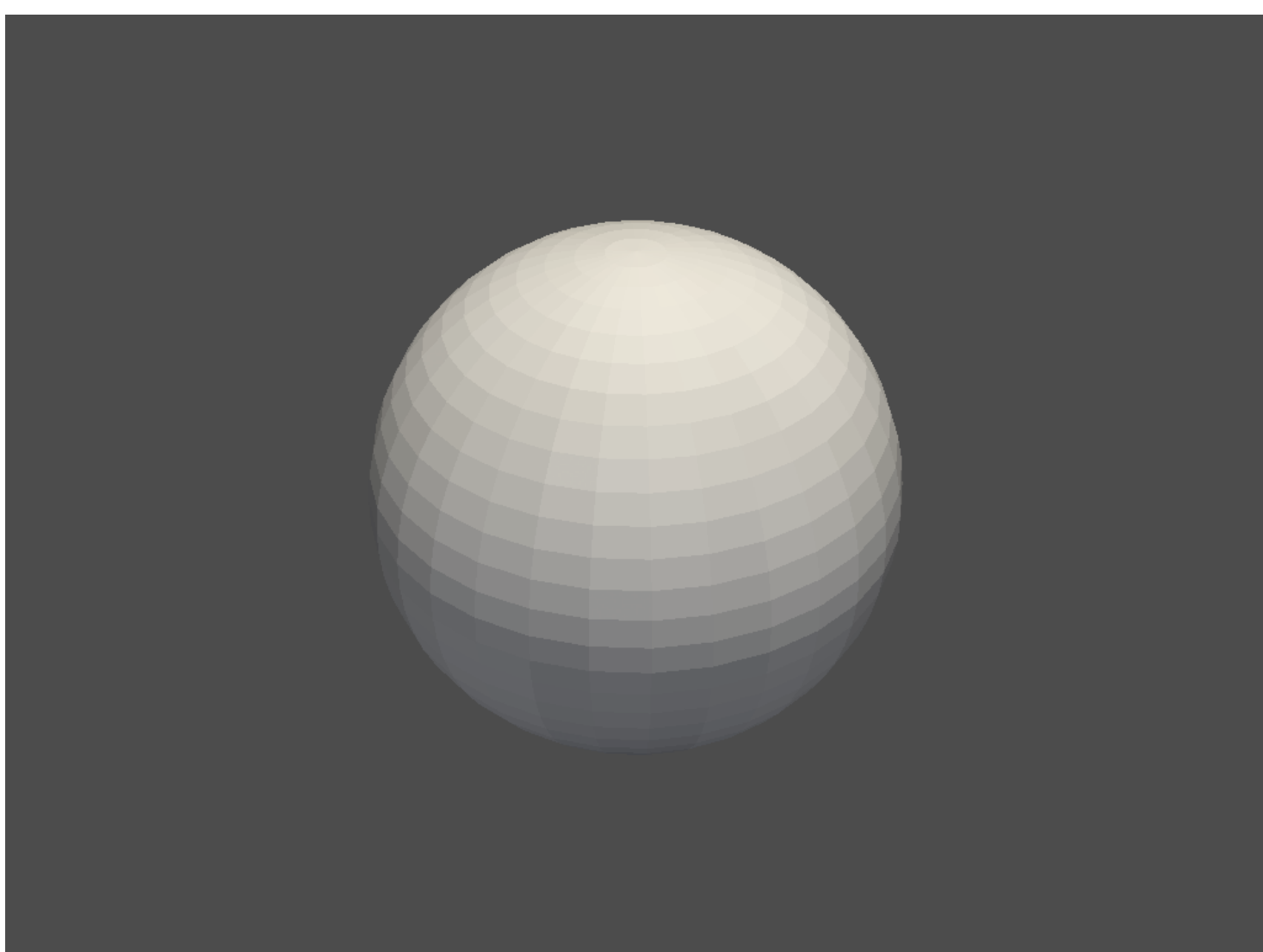




```
# Hello world of PyVista
```

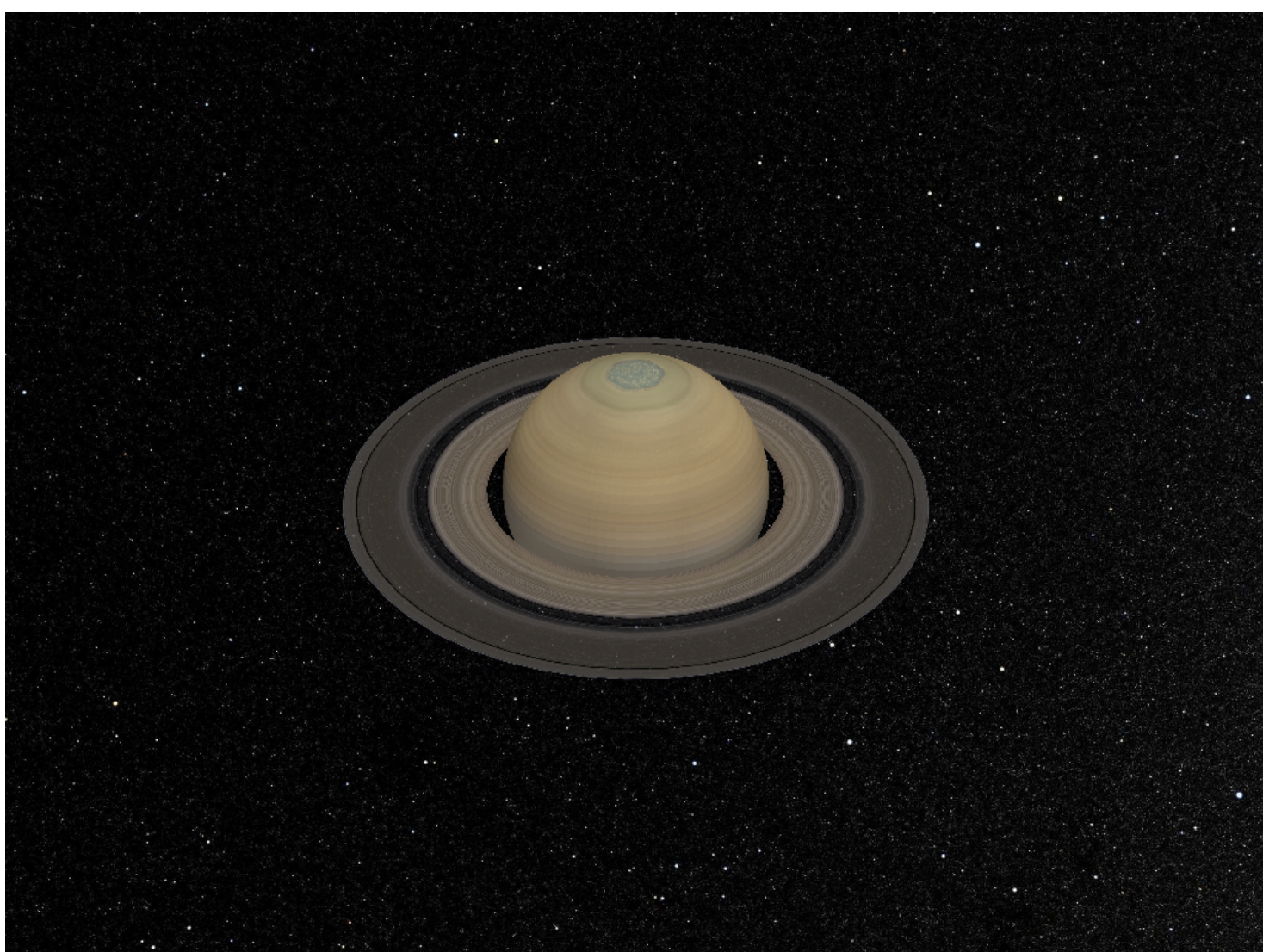
```
import pyvista as pv
```

```
sphere = pv.Sphere()  
sphere.plot()
```



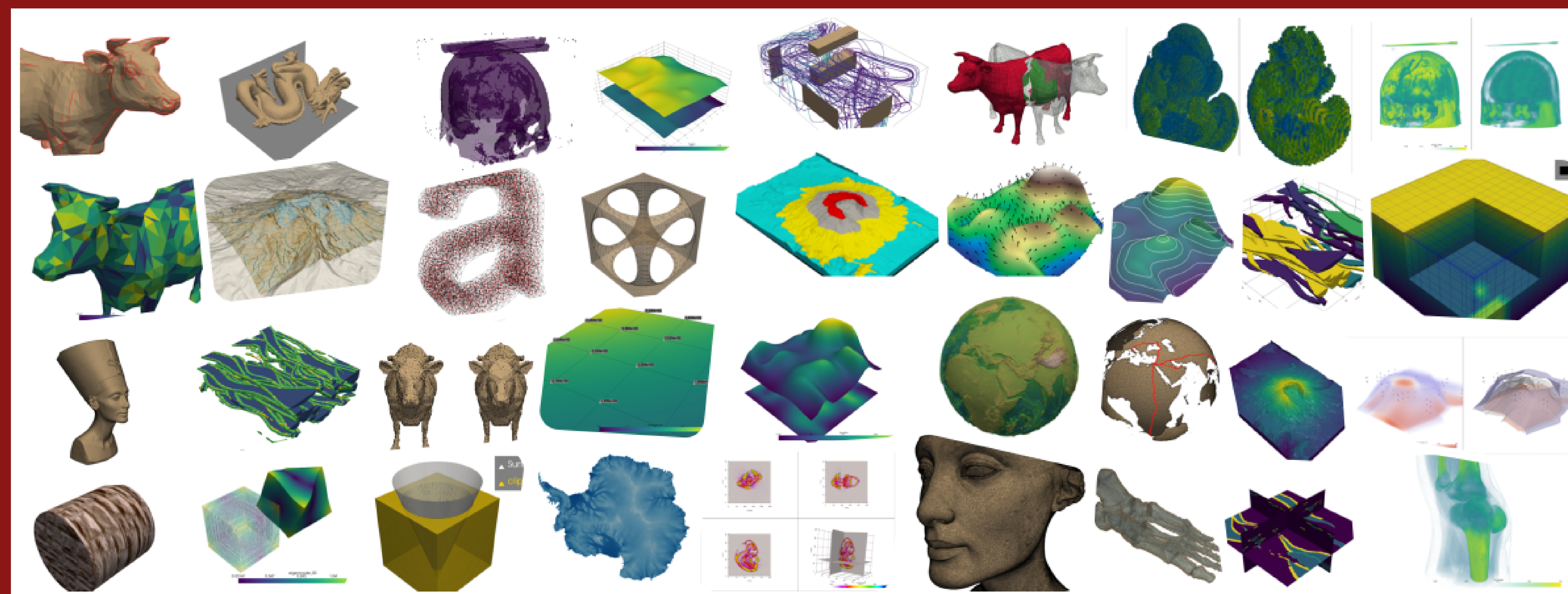
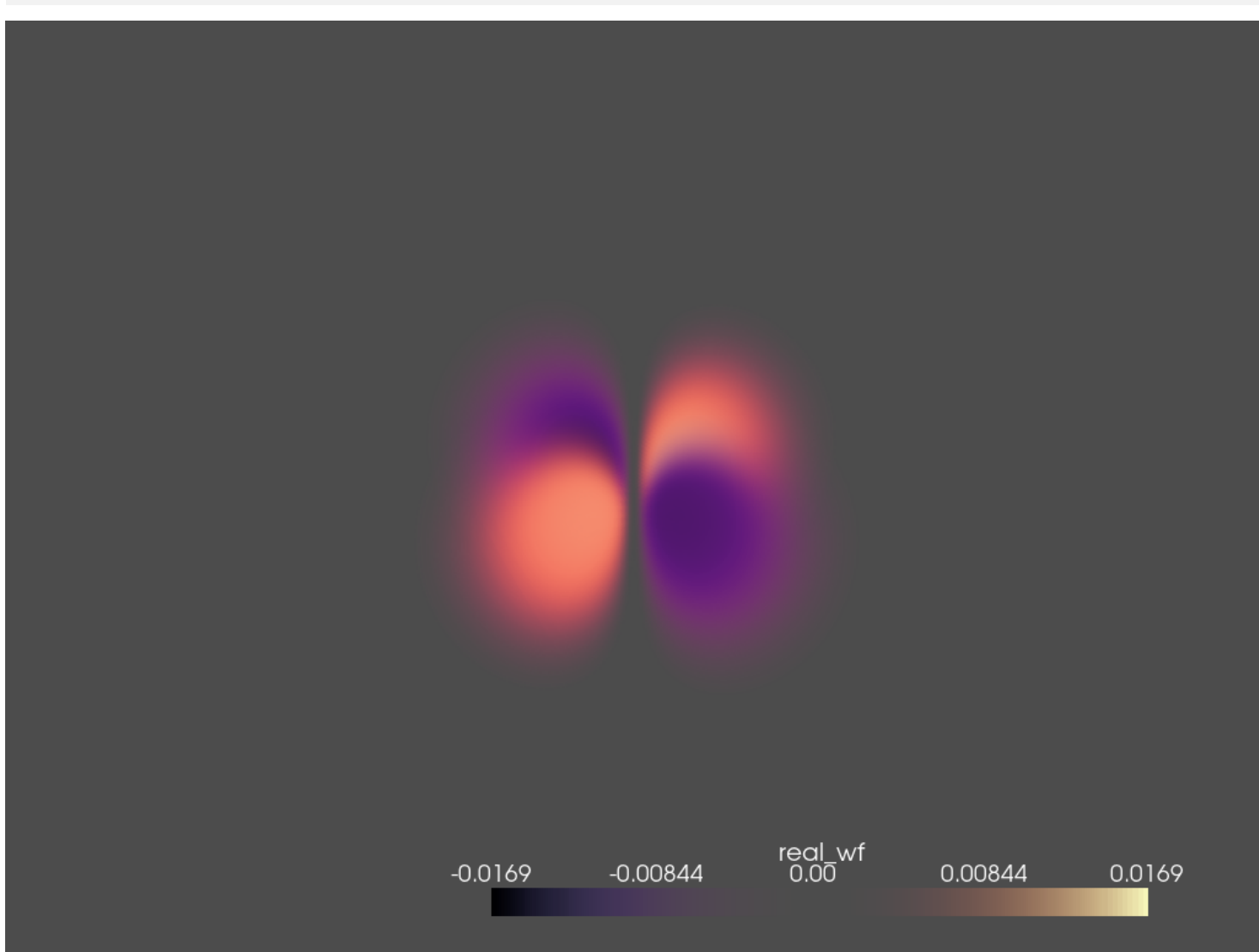
```
# We can plot planet.
```

```
plotter = pv.Plotter()  
plotter.add_mesh(saturn)  
plotter.add_mesh(rings)  
plotter.show()
```



```
# And also can plot atoms!
```

```
grid.plot(  
    volume=True,  
    opacity=[1, 0, 1],  
    cmap='magma',  
)
```



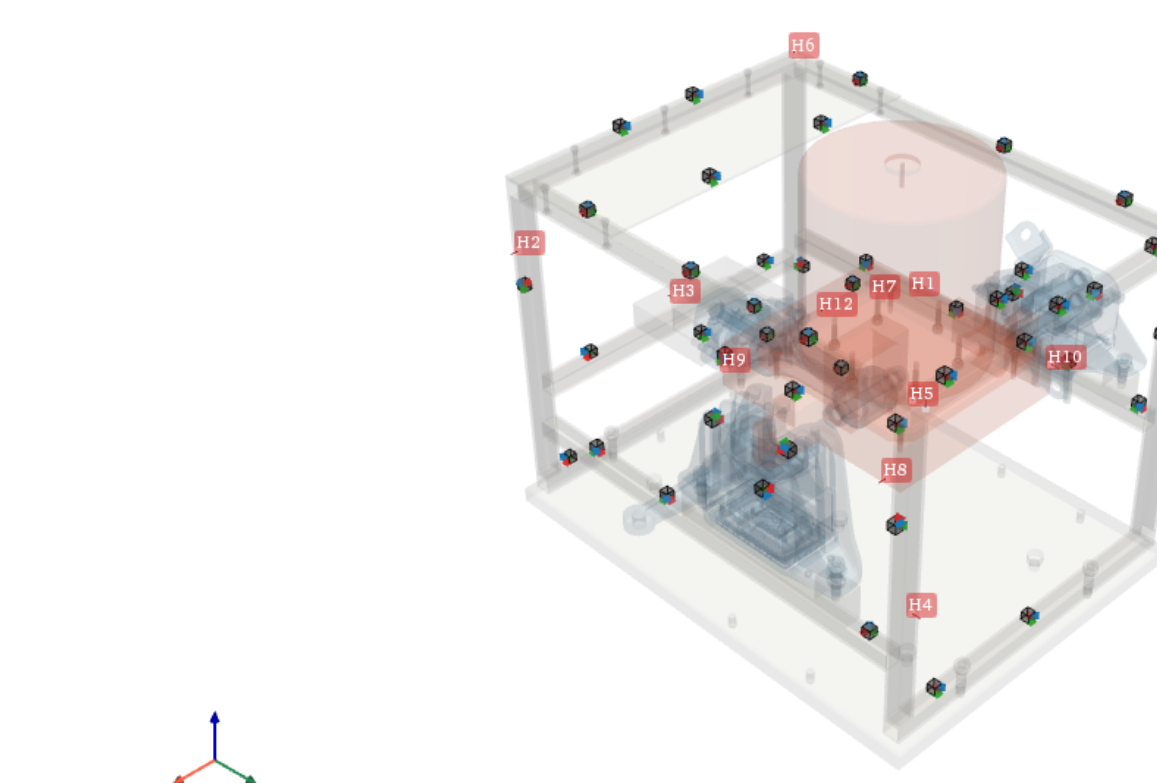
Let's plot 3D Pythonic visualization

\$ pip install pyvista

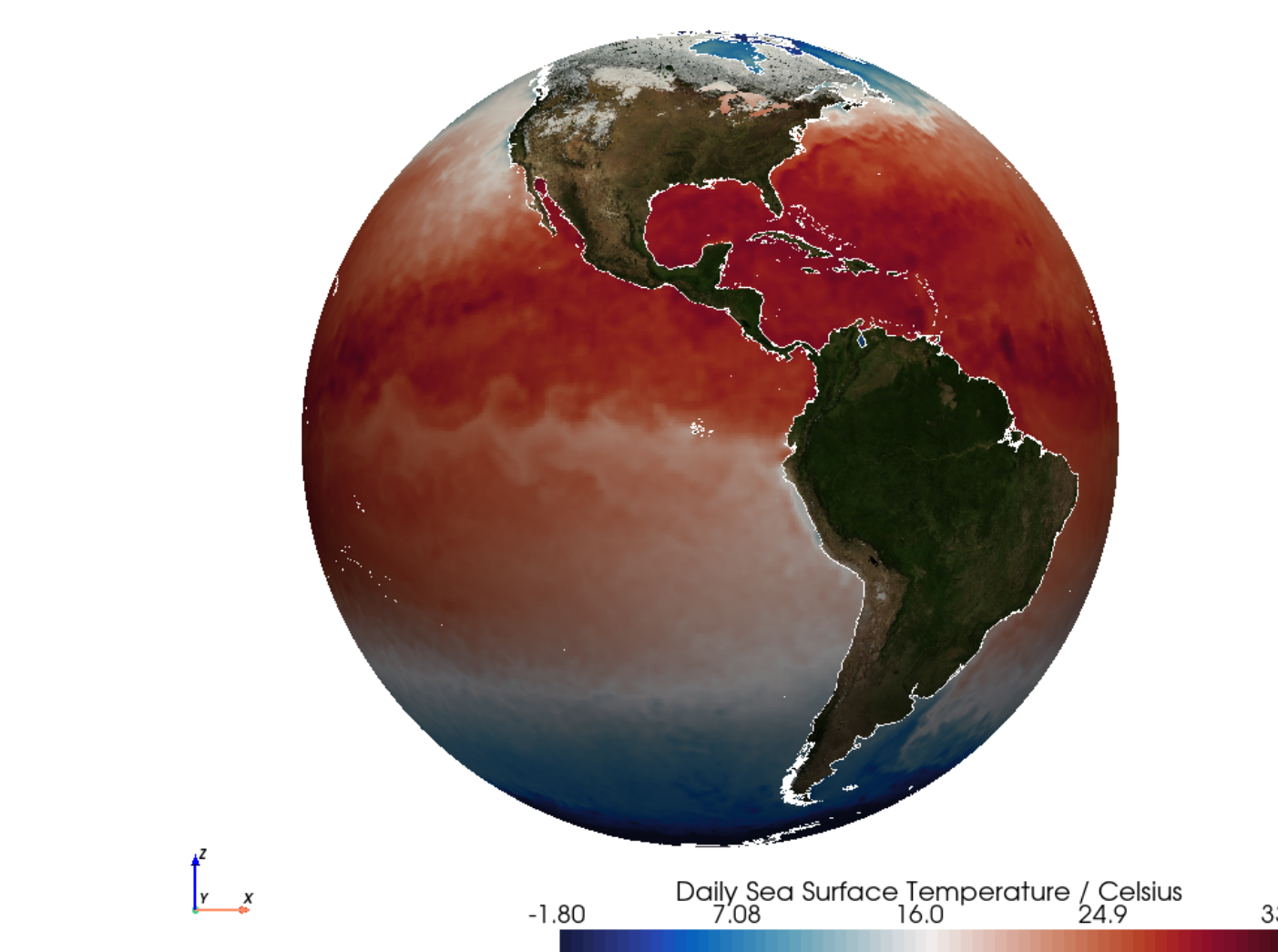


Take a picture to  
start tutorial

PyVista Ecosystem

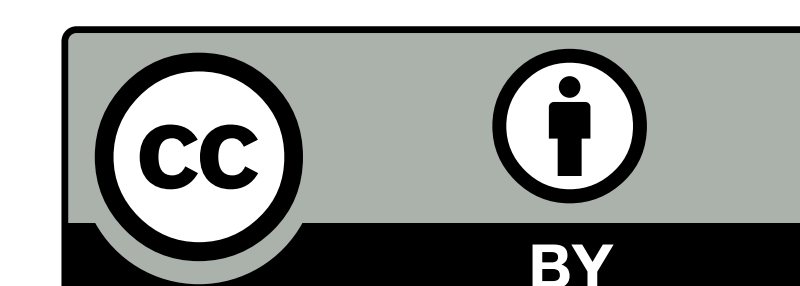


Take a picture to  
see project



Take a picture to  
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PyVista Project