

# Load and Write Pandas

This example shows how to create a Pandas dataframe from voxels inside a Report Lambda program and output a different dataframe as a result.

```
import pandas
import voxelfarm as vf

entity = vf.input_entity("entity", "Select Entity", vf.type.block_model)
voxels = vf.load_voxels(entity, vf.attribute.volume, 'fe, density')

df_model = vf.load_pandas_dataframe(voxels)
df_model['tonnes'] = df_model['fe'] * df_model['volume'] * df_model['density']
df_model = df_model['volume', 'tonnes']
df_output = df_model.sum(axis=0)
vf.sum_pandas_result('report', df_output)
```

---

Revision #1

Created 15 September 2025 14:50:06 by admin

Updated 15 September 2025 14:50:46 by admin