# Final process

Client will give a file with n number of input variables along with values we have to use the ML model we built and haveto predict the ouput for entire data and convert it to csv file and dw it

Then we have to share

```
#upload the model again


import pickle


with open('/content/Metupalayammodel','rb') as f:
  reg=pickle.load(f)


reg.predict([[1000]])
```

```
/usr/local/lib/python3.7/dist-packages/sklearn/base.py:451: UserWarning: X does not
  "X does not have valid feature names, but"
array([797154.92957746])
```

```
#upload csv file
import pandas as pd


df = pd.read_csv('/content/clientfile_project1.csv')
df
```

| | area |
|---|---|
| **0** | 800 |
| **1** | 1250 |
| **2** | 1750 |
| **3** | 2250 |
| **4** | 3000 |
| **5** | 3200 |
| **6** | 2700 |
| **7** | 2500 |

```
predicteddf = reg.predict(df)
predicteddf
```

```
array([ 637323.94366197,  996943.66197183, 1396521.12676056,
       1796098.5915493 , 2395464.78873239, 2555295.77464789,
```

```
       2155718.30985915, 1995887.32394366])
```

```
#create new coloumn in existing df
df
```

| | area |
|---|---|
| **0** | 800 |
| **1** | 1250 |
| **2** | 1750 |
| **3** | 2250 |
| **4** | 3000 |
| **5** | 3200 |
| **6** | 2700 |
| **7** | 2500 |

```
df['price']=predicteddf
df
```

| | area | price |
|---|---|---|
| **0** | 800 | 6.373239e+05 |
| **1** | 1250 | 9.969437e+05 |
| **2** | 1750 | 1.396521e+06 |
| **3** | 2250 | 1.796099e+06 |
| **4** | 3000 | 2.395465e+06 |
| **5** | 3200 | 2.555296e+06 |
| **6** | 2700 | 2.155718e+06 |
| **7** | 2500 | 1.995887e+06 |

```
#convert the final df to csv file
df.to_csv('clientoutputfile1.csv',index=False)
```

✓ 0s completed at 8:00 PM