

# LAB-12

19BCE1223

SWATI SINGH

Tabpy running

```
2022-04-19,09:26:44 [INFO] (app.py:app:244): Parsing config file C:\Users\Anish There\AppData\Local\Programs\Python\Python310\lib\site-packages\tabpy\tabpy_server\app\..\common\default.conf
2022-04-19,09:26:44 [INFO] (app.py:app:436): Loading state from state file C:\Users\Anish There\AppData\Local\Programs\Python\Python310\lib\site-packages\tabpy\tabpy_server\state.ini
2022-04-19,09:26:44 [INFO] (app.py:app:332): Password file is not specified: Authentication is not enabled
2022-04-19,09:26:44 [INFO] (app.py:app:347): Call context logging is disabled
2022-04-19,09:26:44 [INFO] (app.py:app:125): Initializing TabPy...
2022-04-19,09:26:44 [INFO] (callbacks.py:callbacks:43): Initializing TabPy Server...
2022-04-19,09:26:44 [INFO] (app.py:app:129): Done initializing TabPy.
2022-04-19,09:26:44 [INFO] (app.py:app:83): Setting max request size to 104857600 bytes
2022-04-19,09:26:44 [INFO] (callbacks.py:callbacks:64): Initializing models...
2022-04-19,09:26:44 [INFO] (app.py:app:106): Web service listening on port 9004
```

Calculated Field in Tableau

LR

Results are computed along Table (across).

```
SCRIPT_REAL(
,
from sklearn import datasets
import numpy as np

from sklearn import linear_model
clf = linear_model.LinearRegression()

X = np.transpose(np.array([_arg1]))
y = np.array(_arg2)

clf.fit(X,y)

predict = clf.predict(X)

return predict.tolist()
,
SUM([Density]), SUM([Alcohol])
)
```

Plot

