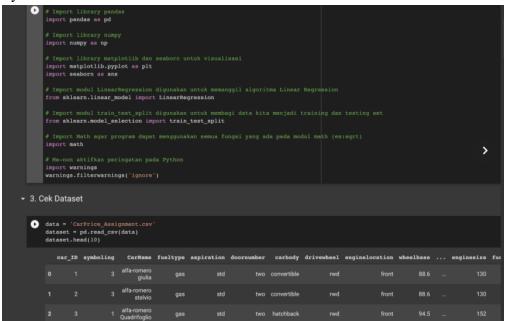
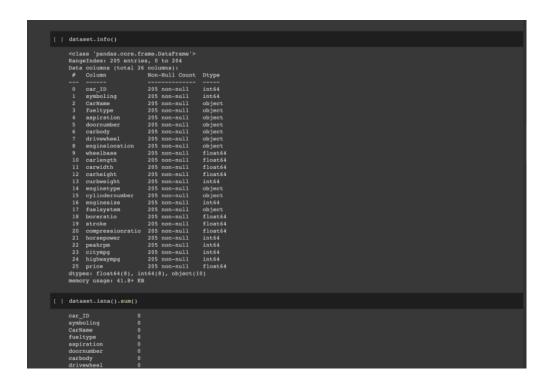
Nama: Armanita Aning

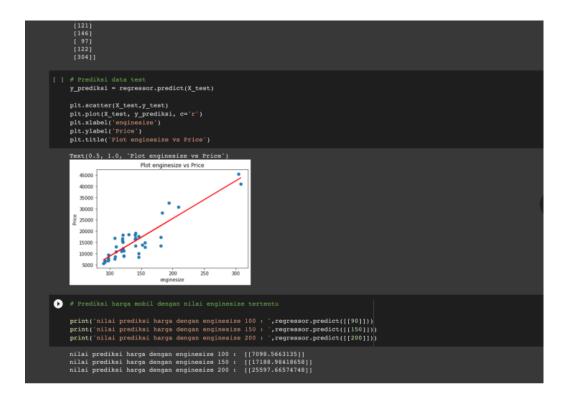
NIM : 20.01.013.002

Kelas: python C

## 1. Python 9







## 2. Python 10

```
# IMPORT LIBRARY
import pandas as pd
from matplotlib import pyplot as plt
from matplotlib import pyplot as plt

# READ CSV
df = pd.read_csv("dataasuransi.csv")

# TAMPIL DATAFRAME
df.head(S)

umur membeli asuransi

2 2 0
1 25 0
2 47 1
3 52 0
4 46 1
```

```
[13] # IMPORT LIBRARY REGRESI LOGISTIK
from sklearn.linear_model import LogisticRegression

[14] # MEMBUAT MODEL
model = LogisticRegression()

[15] # MODEL MELAKUKAN TRAINING
model.fit(X_train, y_train)

LogisticRegression(C=1.0, class_weight=None, dual=False, fit_intercept=True,
intercept_scaling=1, 11_ratio=None, max_tter=100,
multi_class='auto, n_jobs=None, penalty='12',
random_state=None, solver='lbfgs', tol=0.0001, verbose=0,

[16] # FREDIKSI
model.predict(X_test)

array([0, 1, 0])

[18] # CEK KEAKURATAN HODEL
model.score(X_test, y_test)

1.0

[19] # PREDIKSI JIKA UNUR = 60 TAHUN
model.predict([[60]])

array([1])

[27] # FREDIKSI JIKA UNUR = 1 TAHUN
model.predict([[11]])
array([0])
```

## 3. Python 11

```
from matplotlib import pyplot as plt
import seaborn as sb
     Passengerld Survived Pclass
                                                     Name Sex Age SibSp Parch
                                                                                                Ticket
                                                                                                          Fa
                                      Braund, Mr. Owen Harris male 22.0 1
                                                                                          PC 17599
                                      Bradley (Florence Briggs
                                                            female 38.0 1
                                                                                                        71.28
                                                                                          STON/02
3101282
                                      Heikkinen, Miss. Laina
                                                              female 26.0 0
                                                                                                        7.925
                                      Futrelle, Mrs. Jacques
Heath (Lily May Peel)
                                                              female 35.0 1
                                                                                                        53.10
                                      Allen, Mr. William Henry
                                                                                                        8.050
886 887
                                      Montvila, Rev. Juozas
                                                              male 27.0 0
                                                                                                        13.00
                                      Graham, Miss. Margaret
Edith
                                                             female 19.0 0
                                                                                                        30.00
                                      Johnston, Miss. Catherine female NaN 1
888 889
                                                                                                        23.45
                                      Behr, Mr. Karl Howell
                                                                                           111369
                                                                                                        30.00
                                      Dooley, Mr. Patrick
890 891
                                                              male 32.0 0
                                                                                                        7.750
```



```
### False | Fa
```



