

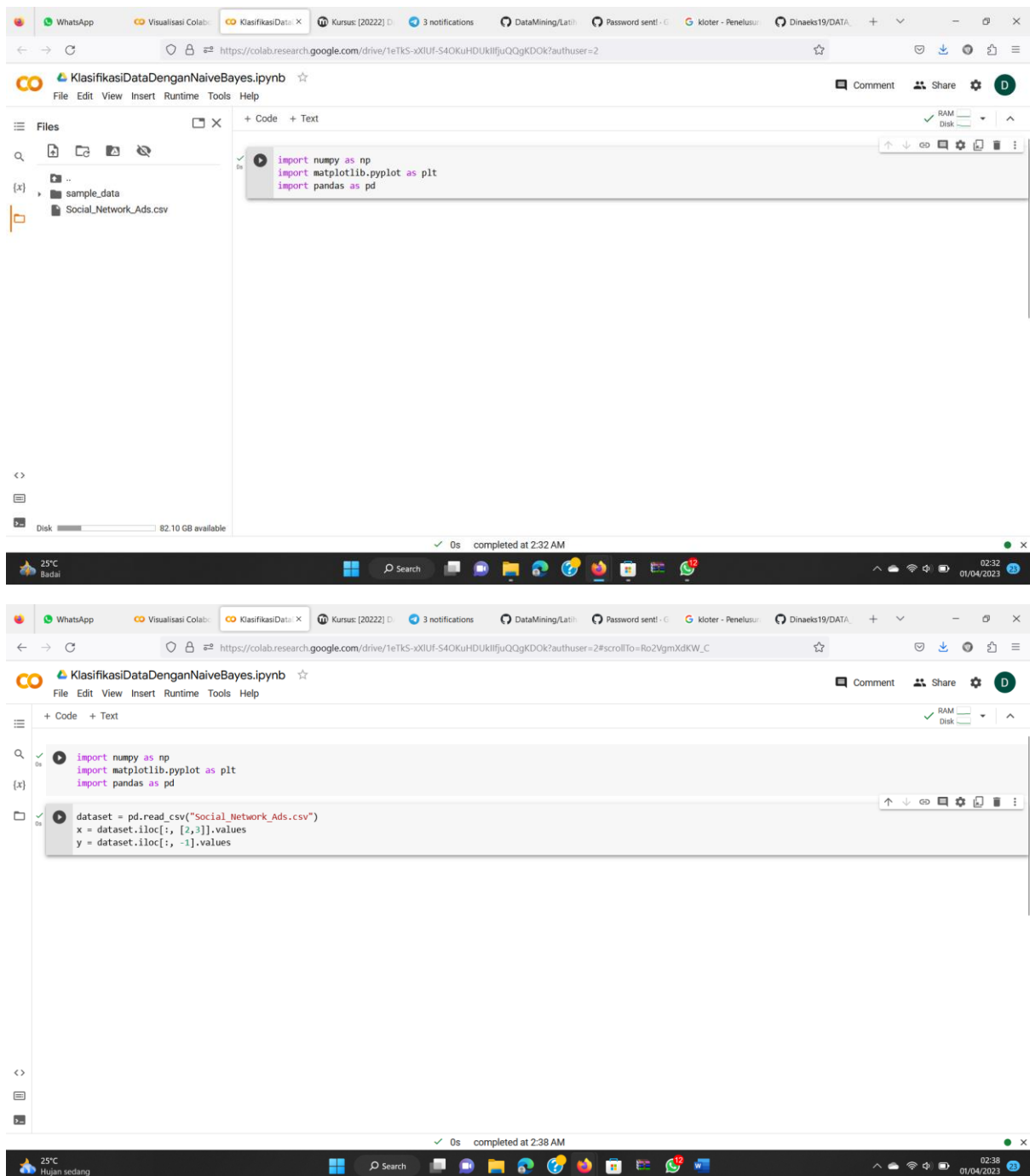
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LINK GOOGLE COLAB LATIHAN 5

<https://colab.research.google.com/drive/1I49quhD5Cj83LUDppzGGgEPa1aNQ5wGf?usp=sharing>



WhatsApp Visualisasi Colab: X Klasifikasi Data: X Kursus [20222] D 3 notifications DataMining/Lat Password senti G kloter - Penelus Dinaeks19/DATA + -

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KlasifikasiDataDenganNaiveBayes.ipynb

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```
[3] dataset = pd.read_csv("Social_Network_Ads.csv")
x = dataset.iloc[:, [2,3]].values
y = dataset.iloc[:, -1].values
```

```
print(x)
```

```
[
  [ 38  65000]
  [ 47  51000]
  [ 47 105000]
  [ 41  63000]
  [ 53  72000]
  [ 54 108000]
  [ 39  77000]
  [ 38  61000]
  [ 38 113000]
  [ 37  75000]
  [ 42  90000]
  [ 37  57000]
  [ 36  99000]
  [ 60  34000]
  [ 54  70000]
  [ 41  72000]
  [ 40  71000]
  [ 42  54000]
  [ 43 129000]
  [ 53  34000]
  [ 47  50000]
  [ 42  79000]
  [ 42 104000]
  [ 59  29000]
  [ 58  47000]
  [ 46  88000]
  [ 38  71000]
```

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WhatsApp Visualisasi Colab: X Klasifikasi Data: X Kursus [20222] D 3 notifications DataMining/Lat Password senti G kloter - Penelus Dinaeks19/DATA + -

https://colab.research.google.com/drive/1eTKS-x0Uf-S4OKuHDUklifjuQQgKDOK?authuser=2#scrollTo=ilYMkayLr58

KlasifikasiDataDenganNaiveBayes.ipynb

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```
[4] [ 45 45000]
[ 60 42000]
[ 39 59000]
[ 46 41000]
[ 51 23000]
[ 50 20000]
[ 36 33000]
[ 49 36000]]
```

```
print(y)
```

```
[0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 1 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0
0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 1 0 0 0 1 0 0 0 1 0 1
1 1 0 0 1 1 0 1 1 0 1 1 0 1 0 0 0 1 1 0 1 1 0 1 0 1 0 1 0 0 1 1 0 1 0 0 1
1 0 1 1 0 1 1 0 0 1 0 0 1 1 1 1 0 1 1 1 0 1 1 0 1 0 1 0 1 1 1 1 0 0 0
1 1 0 1 1 1 1 1 0 0 0 1 1 0 0 1 0 1 1 0 1 0 1 1 0 1 1 0 0 0 1 1 0 1 0
0 1 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1 0 1
1 1 0 1 0 1 0 0 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 0 1]
```

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25°C Hujan sedang

02:39 01/04/2023











```
KlasifikasiDataDenganNaiveBayes.ipynb
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[12] [ -1.99518910 -0.39999821]
      [ 0.38358493  0.27381877]
      [ 0.18552042 -0.27785906]
      [ 1.47293972 -1.03167271]
      [ 0.8787462  1.08482681]

[13] from sklearn.naive_bayes import GaussianNB
      classifier = GaussianNB()
      classifier.fit(x_train, y_train)

      GaussianNB
      GaussianNB()

[14] y_pred = classifier.predict(x_test)

from sklearn.metrics import confusion_matrix
cm = confusion_matrix(y_test, y_pred)
print(cm)

[[65  3]
 [ 7 25]]

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```

