#### MACHINE LEARNING

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Kelas : Informatika A2 - 2021

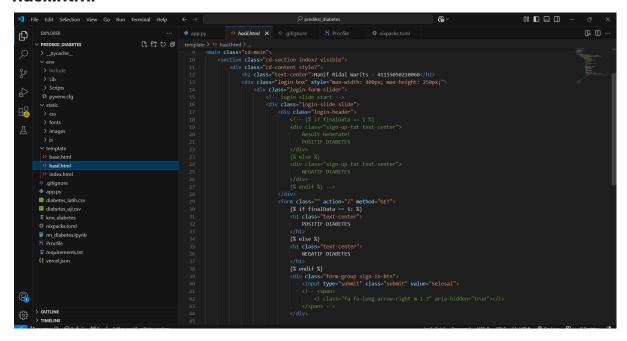
# Tugas Pertemuan 15

### app.py

```
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```

### index.html

### hasil.html

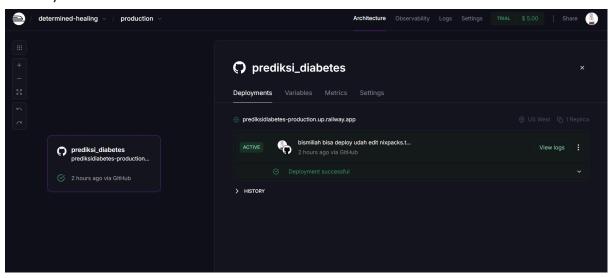


nn\_diabetes.ipynb

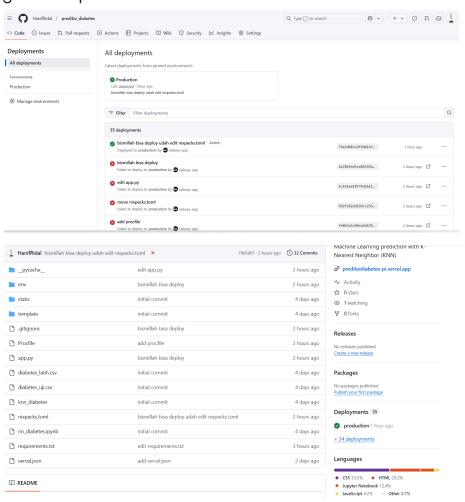
```
# D II
+ Code + Markdown | ▶ Run All ≡ Clear All Outputs | ≡ Outline ···
                                                                                                                                                                 Select Kernel
          import numpy as np
          y_train = df['Outcome'].values
          df = pd.read_csv('./diabetes_uji.csv')
          y_test = df['Outcome'].values
          from sklearn.preprocessing import MinMaxScaler
          X_train = MinMaxScaler().fit_transform(X_train)
X_test = MinMaxScaler().fit_transform(X_test)
          print(X train)
     [[0.47058824 0.94472362 0.68421053 ... 0.71385991 0.02519214 0.36666667]
       [0.41176471 0.7638191 0.77192982 ... 0.74515648 0.11058924 0.25
[0.11764706 0.49748744 0.45614035 ... 0.36661699 0.23868488 0.
                                                                                                                                  Cell 1 of 9 P Go Live
      [0.29411765 0.6080402 0.63157895 ... 0.390462 0.07130658 0.15 ]
[0.05882353 0.63316583 0.52631579 ... 0.4485842 0.11571307 0.43333333]
[0.05882353 0.46733668 0.61403509 ... 0.45305514 0.10119556 0.03333333]]
         from sklearn.neural network import MLPClassifier
         clf = MLPClassifier(hidden_layer_sizes=3,learning_rate_init=0.1,max_iter=100)
                                                                                                   0 0
                                              MLPClassifier
      MLPClassifier(hidden_layer_sizes=3, learning_rate_init=0.1, max_iter=100)
         y_pred = clf.predict(X_test)
         from sklearn.metrics import accuracy_score
         round(accuracy_score(y_test,y_pred),3)
                                                                                                                                                                        Python
                                                                                                                                                                        Pvthon
     <class 'pandas.core.frame.DataFrame'>
```

#### **DEPLOYMENT**

### railway.com



## github-repo



#### **HASIL POSITIF DIABETES**

# data uji

# 8,183,64,0,0,23.3,0.672,32,1

### implementasi



#### **HASIL NEGATIF DIABETES**

# data uji

### 1,89,66,23,94,28.1,0.167,21,0

# implementasi

