Response headers

content-length: 111

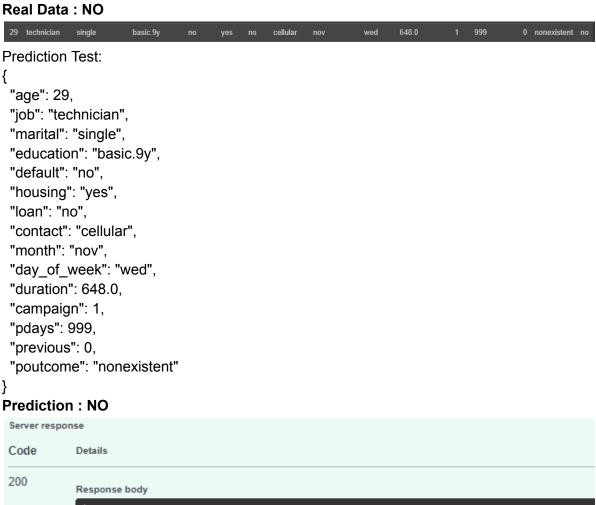
server: uvicorn

content-type: application/json date: Thu,11 Jul 2024 17:26:02 GMT

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3. [LO 1, LO 2, LO 3, LO 4, LO 5 - 15 points] Melakukan proses deployment API dengan menggunakan FastAPI dan melakukan 3 test case pada FastAPI untuk proses POST berdasarkan code prediction yang telah anda siapkan (mohon sertakan screenshoot hasil testing yang anda lakukan)

a. Testing 1:



"prediction": "no", "meaning": "Individu tersebut kemungkinan besar tidak akan berlangganan deposito berjangka."

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```
Curl
 curl -X 'POST' \
    'http://127.0.0.1:8000/predict' \
   -H 'accept: application/json' \
   -H 'Content-Type: application/json' \
   -d '{
"age": 29,
   "job": "technician",
   "marital": "single",
   "education": "basic.9y",
"default": "no",
"housing": "yes",
   "loan": "no",
"contact": "cellular",
"month": "nov",
"day_of_week": "wed",
   "duration": 648.0,
   "campaign": 1,
   "pdays": 999,
   "previous": 0,
    "poutcome": "nonexistent"
Request URL
 http://127.0.0.1:8000/predict
```

Disertai dengan penjelasan bahwa "individu tersebut kemungkinan besar tidak akan berlangganan deposito berjangka."

Kesimpulannya, **prediksi ini adalah benar** dan **sesuai dengan data asli**. Data asli menunjukkan **"no"**, dan prediksi yang dihasilkan oleh model juga menyatakan **"no"**.

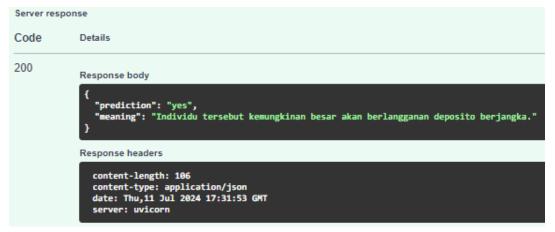
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b. Testing 2:

Real Data: YES

```
36 technician married
                       basic.4y
                                      no no cellular jul
                                                                    854.0
                                                                                 999 0 nonexistent yes
Prediction Test:
 "age": 36,
 "job": "technician",
 "marital": "married",
 "education": "basic.4y",
 "default": "no",
 "housing": "no",
 "loan": "no",
 "contact": "cellular",
 "month": "jul",
 "day_of_week": "mon",
 "duration": 854.0,
 "campaign": 1,
 "pdays": 999,
 "previous": 0,
 "poutcome": "nonexistent"
```

Prediction: YES



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```
Curl
 curl -X 'POST' \
   'http://127.0.0.1:8000/predict' \
   -H 'accept: application/json' \
   -H 'Content-Type: application/json' \
   -d '{
"age": 36,
   "job": "technician",
   "marital": "married",
   "education": "basic.4y",
"default": "no",
"housing": "no",
   "loan": "no",
"contact": "cellular",
"month": "jul",
"day_of_week": "mon",
   "duration": 854.0,
   "campaign": 1,
   "pdays": 999,
   "previous": 0,
    "poutcome": "nonexistent"
Request URL
 http://127.0.0.1:8000/predict
```

Disertai dengan penjelasan bahwa "individu tersebut kemungkinan besar akan berlangganan deposito berjangka."

Kesimpulannya, **prediksi ini adalah benar** dan **sesuai dengan data asli**. Data asli menunjukkan **"yes"**, dan prediksi yang dihasilkan oleh model juga menyatakan **"yes"**.

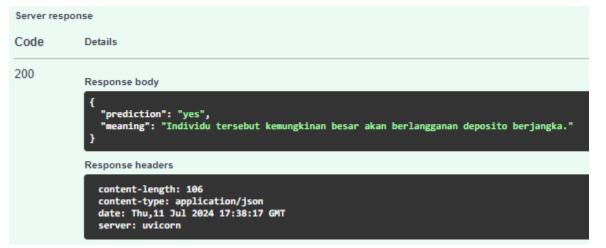
NIM : 2602067086

c. Testing 3:

Real Data: YES

```
28 technician single
                    high.school
                                      yes yes cellular may
                                                                     609.0
                                                                                           1 success yes
Prediction Test:
 "age": 28,
 "job": "technician",
 "marital": "single",
 "education": "high.school",
 "default": "no",
 "housing": "yes",
 "loan": "no",
 "contact": "cellular",
 "month": "may",
 "day of week": "thu",
 "duration": 609.0,
 "campaign": 1,
 "pdays": 11,
 "previous": 1,
 "poutcome": "success"
```

Prediction: YES



NIM : 2602067086

```
curl -X 'POST' \
    'http://127.0.0.1:8000/predict' \
    -H 'accept: application/json' \
    -H 'Content-Type: application/json' \
    -d '{
        "age": 28,
        "job": "technician",
        "marital": "single",
        "education": "high.school",
        "default": "no",
        "housing": "yes",
        "loan": "no",
        "contact": "cellular",
        "month": "may",
        "duy_of_week": "thu",
        "duration": 609.0,
        "campaign": 1,
        "pdays": 11,
        "previous": 1,
        "poutcome": "success"
}'

Request URL

http://127.0.0.1:8000/predict
```

Disertai dengan penjelasan bahwa "individu tersebut kemungkinan besar akan berlangganan deposito berjangka."

Kesimpulannya, **prediksi ini adalah benar** dan **sesuai dengan data asli**. Data asli menunjukkan **"yes"**, dan prediksi yang dihasilkan oleh model juga menyatakan **"yes"**.