

TRAINING THE MODEL ON IBM

IBM cloud deployment:

```
jupyter Cloud_model (unsaved changes) Logout
File Edit View Insert Cell Kernel Widgets Help Not Trusted Python 3 (ipykernel)
Out[47]: 'b12949eb-ce6e-4eef-9705-432d95bde5b0'
In [48]: # Set meta
deployment_props = {
    wml_client.deployments.ConfigurationMetaNames.NAME: DEPLOYMENT_NAME,
    wml_client.deployments.ConfigurationMetaNames.ONLINE: {}
}
In [49]: # Deploy
deployment = wml_client.deployments.create(
    artifact_uid=model_id,
    meta_props=deployment_props
)

#####
Synchronous deployment creation for uid: 'b12949eb-ce6e-4eef-9705-432d95bde5b0' started
#####

initializing
Note: online_url is deprecated and will be removed in a future release. Use serving_urls instead.
ready

-----
Successfully finished deployment creation, deployment_uid='a4da3004-fab4-4770-b978-b1fb81b0b561'
-----

To F 1:
```

Testing:

← → ↺ dataplatform.cloud.ibm.com/ml-runtime/deployments/a4da3004-fab4-4770-b978-b1fb81b0b561/test?space_id=fc1e7624-773f-4e76-b9db-d6a9a4e5a1e9&context=qp&ss&flush=true

IBM Watson Studio Search in your workspaces Buy AISHVARYA G's Account Dallas AG

Deployments / Approval / Loan /

Approval Deployed Online

API reference **Test**

Enter input data

Text Input JSON input

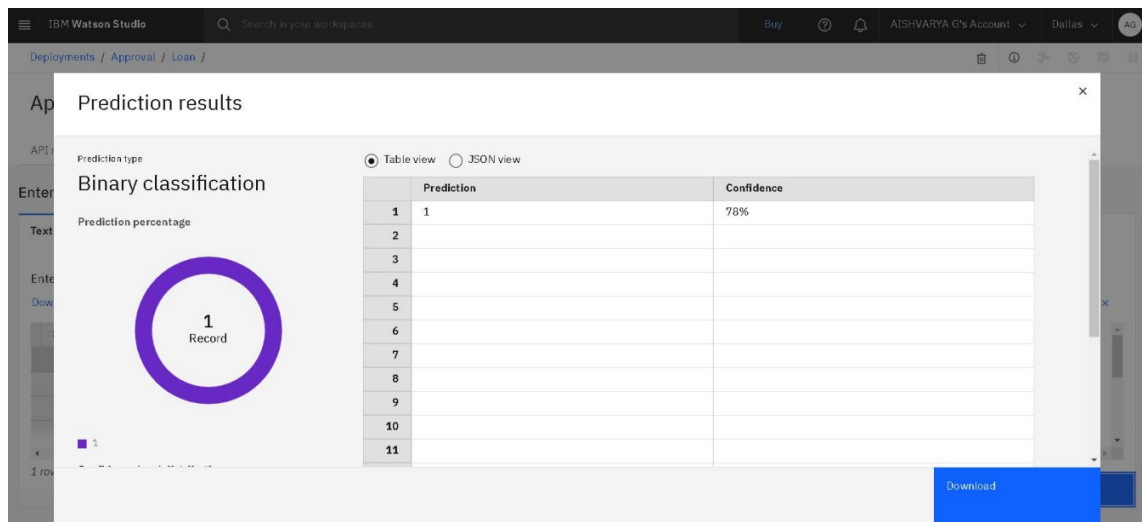
Enter data manually or use a CSV file to populate the spreadsheet. Max file size is 50 MB.

[Download CSV template](#) [Browse local files](#) [Search in space](#) [Clear all](#)

	Gender (int64)	Married (int64)	Dependents (int64)	Education (int64)	Self_Employed (int64)	ApplicantIncome (int64)	CoapplicantIncome (float64)	LoanAmount (float64)
1	0	1	1	0	1	4567	1246	120
2								
3								
4								

1 row, 11 columns

Predict



Integrating Flask with Scoring End point:

```

1 from flask import render_template, Flask, request
2 import numpy as np
3 import pickle
4 from sklearn.preprocessing import scale
5 app = Flask(__name__, template_folder='templates')
6
7 model = pickle.load(open("Rfmodel.pkl", 'rb'))
8
9
10
11 @app.route('/')
12 def home():
13     return render_template('home.html')
14 @app.route('/login.html')
15 def login():
16     return render_template('login.html')
17 @app.route('/procedure.html')
18 def procedure():
19     return render_template('procedure.html')
20 @app.route('/bank login.html')
21 def bank():
22     return render_template('bank login.html')
23 @app.route('/about.html')
24 def about():
25

```

Use a production WSGI server instead.

- * Debug mode: on
- * Running on http://127.0.0.1:5000 (Press CTRL+C to quit)
- * Restarting with stat

C:\Users\91733\AppData\Local\Programs\Python\Python38\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator DecisionTreeClassifier from version 1.1.2 when using version 0.23.1. This might lead to breaking code or invalid results. Use at your own risk.

C:\Users\91733\AppData\Local\Programs\Python\Python38\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator RandomForestClassifier from version 1.1.2 when using version 0.23.1. This might lead to breaking code or invalid results. Use at your own risk.

warnings.warn(

- * Debugger is active
- * Debugger PID: 127-064-022

Output:

LOAN APPROVAL STATUS

Sorry You are not eligible for loan



Please provide your feedback

