

Free5GC Module

```
mnc@mnc: ~/free5gc/NFs/nwdaf
[GIN-debug] POST   /nwdaf-anlf/v1/      --> nwdaf.com/anlf.Index (3 handlers)
[GIN-debug] POST   /nwdaf-anlf/v1/:inference --> nwdaf.com/anlf.requestModelInference (3 handlers)
2021/11/04 20:28:32 #####
*****map[Content-Length:[122] Content-Type:[text/html; charset=utf-8] Date:[Thu, 04 Nov 2021 11:28:38 GMT] Server:[Werkzeug/2.0.1 Python/3.7.11]]
*****
map[data:training finish nfService:training(reply) reqNfInstanceID:testhi reqTime:2021-11-04 20:28:32]
2021-11-04T20:28:38+09:00 [INFO][NWDAF][GIN] | 200 | 127.0.0.1 | POST | /nwdaf-mtlf/v1:training |
2021/11/04 20:29:30 map[data:1 nfService:inference reqNfInstanceID:test NF-Function reqTime:2021-11-04 20:29:30]
map[Content-Length:[121] Content-Type:[text/html; charset=utf-8] Date:[Thu, 04 Nov 2021 11:29:30 GMT] Server:[Werkzeug/2.0.1 Python/3.7.11]]
*****
map[data:2 nfService:inference(reply) reqNfInstanceID:Test NF-Functionhi reqTime:2021-11-04 20:29:30]
2021-11-04T20:29:30+09:00 [INFO][NWDAF][GIN] | 200 | 127.0.0.1 | POST | /nwdaf-anlf/v1:inference |
```

Learning Module

```
mnc@mnc: ~/free5gc/NFs/nwdaf/pythonmodule
1447/1875 [=====>.....] - ETA: 0s - loss: 0.1120 - accuracy:
1482/1875 [=====>.....] - ETA: 0s - loss: 0.1122 - accuracy:
1519/1875 [=====>.....] - ETA: 0s - loss: 0.1127 - accuracy:
1554/1875 [=====>.....] - ETA: 0s - loss: 0.1126 - accuracy:
1591/1875 [=====>.....] - ETA: 0s - loss: 0.1127 - accuracy:
1626/1875 [=====>.....] - ETA: 0s - loss: 0.1131 - accuracy:
1663/1875 [=====>.....] - ETA: 0s - loss: 0.1133 - accuracy:
1696/1875 [=====>.....] - ETA: 0s - loss: 0.1127 - accuracy:
1732/1875 [=====>.....] - ETA: 0s - loss: 0.1126 - accuracy:
1768/1875 [=====>.....] - ETA: 0s - loss: 0.1122 - accuracy:
1804/1875 [=====>.....] - ETA: 0s - loss: 0.1122 - accuracy:
1839/1875 [=====>.....] - ETA: 0s - loss: 0.1122 - accuracy:
1875/1875 [=====>.....] - 3s 1ms/step - loss: 0.1120 - accuracy: 0.9660
training finish
27.0.0.1 - - [04/Nov/2021 20:28:38] "POST / HTTP/1.1" 200 -
'data': '1', 'nfService': 'inference', 'reqNfInstanceID': 'Test NF-Function', 'reqTime': '2021-11-04 20:29:30'}
27.0.0.1 - - [04/Nov/2021 20:29:30] "POST / HTTP/1.1" 200 -
```

Requester

```
mnc@mnc: ~/free5gc/NFs/nwdaf/Temp_Requester
mnc@mnc: ~/free5gc/NFs/nwdaf/Temp_Requester$ go run temp_requester.go
Choose the function - 1) MTLF, 2) AnLF :
1
*****map[Content-Length:[87] Content-Type:[application/json; charset=utf-8] Date:[Thu, 04 Nov 2021 11:28:38 GMT]]
*****
*****
map[data:finished nfService:test-nwdaf reqNfInstance:test-mtlf reqTime:<nil>]
Choose the function - 1) MTLF, 2) AnLF :
2
Choose the data number for prediction:
1
*****map[Content-Length:[97] Content-Type:[application/json; charset=utf-8] Date:[Thu, 04 Nov 2021 11:29:30 GMT]]
*****
*****
map[data:2 nfService:test-nwdaf reqNfInstance:test-anlf reqTime:2021-11-04 20:29:30]
Choose the function - 1) MTLF, 2) AnLF :
```