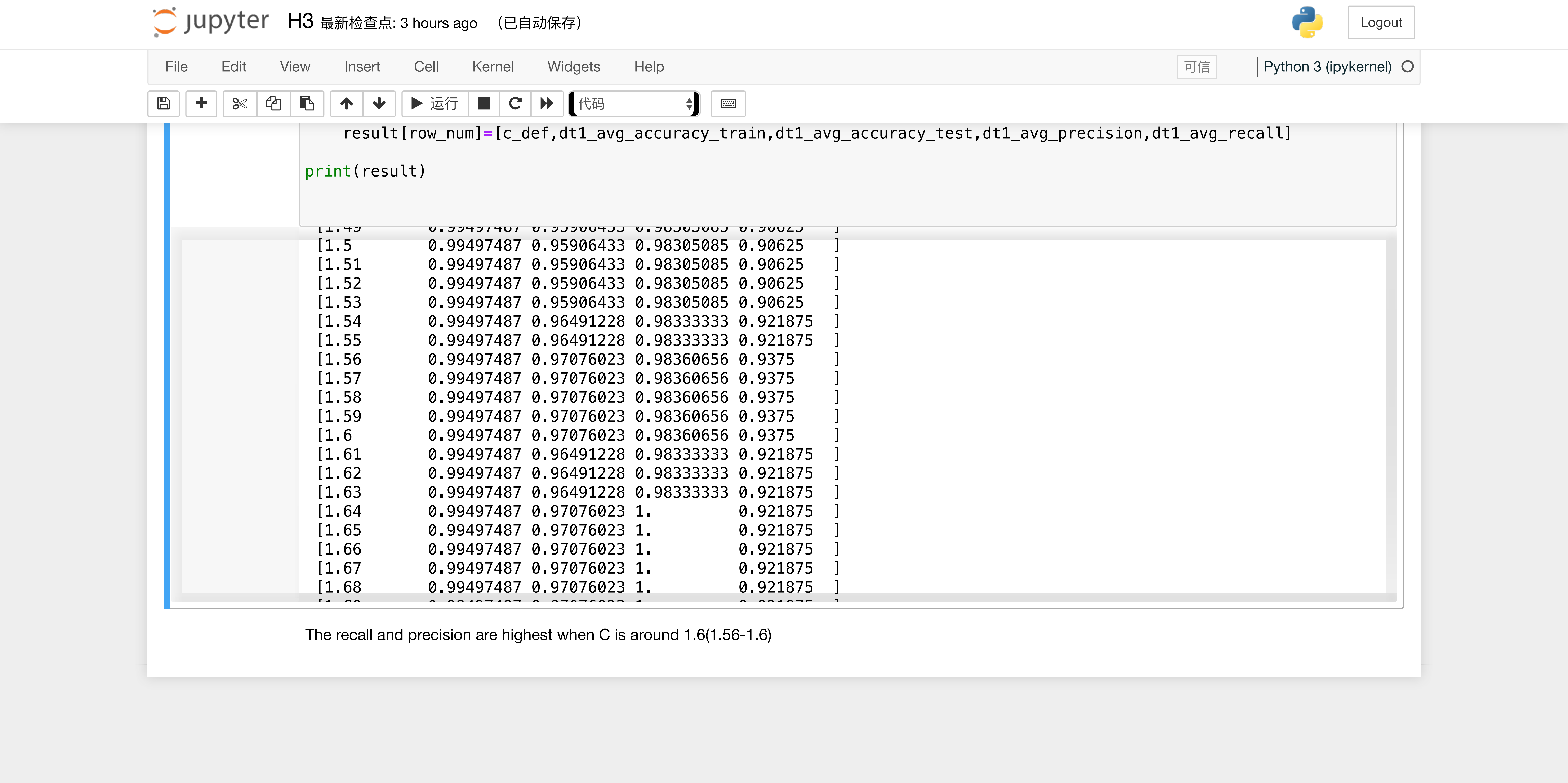

```
        result[row_num]=[c_def,dt1_avg_accuracy_train,dt1_avg_accuracy_test,dt1_avg_precision,dt1_avg_recall]

print(result)
```

```
 [1.49       0.99497487 0.95906433 0.98305085 0.90625   ]
 [1.5        0.99497487 0.95906433 0.98305085 0.90625   ]
 [1.51       0.99497487 0.95906433 0.98305085 0.90625   ]
 [1.52       0.99497487 0.95906433 0.98305085 0.90625   ]
 [1.53       0.99497487 0.95906433 0.98305085 0.90625   ]
 [1.54       0.99497487 0.96491228 0.98333333 0.921875  ]
 [1.55       0.99497487 0.96491228 0.98333333 0.921875  ]
 [1.56       0.99497487 0.97076023 0.98360656 0.9375    ]
 [1.57       0.99497487 0.97076023 0.98360656 0.9375    ]
 [1.58       0.99497487 0.97076023 0.98360656 0.9375    ]
 [1.59       0.99497487 0.97076023 0.98360656 0.9375    ]
 [1.6        0.99497487 0.97076023 0.98360656 0.9375    ]
 [1.61       0.99497487 0.96491228 0.98333333 0.921875  ]
 [1.62       0.99497487 0.96491228 0.98333333 0.921875  ]
 [1.63       0.99497487 0.96491228 0.98333333 0.921875  ]
 [1.64       0.99497487 0.97076023 1.         0.921875  ]
 [1.65       0.99497487 0.97076023 1.         0.921875  ]
 [1.66       0.99497487 0.97076023 1.         0.921875  ]
 [1.67       0.99497487 0.97076023 1.         0.921875  ]
 [1.68       0.99497487 0.97076023 1.         0.921875  ]
 [1.69       0.99497487 0.97076023 1.         0.921875  ]
```

The recall and precision are highest when C is around 1.6(1.56-1.6)