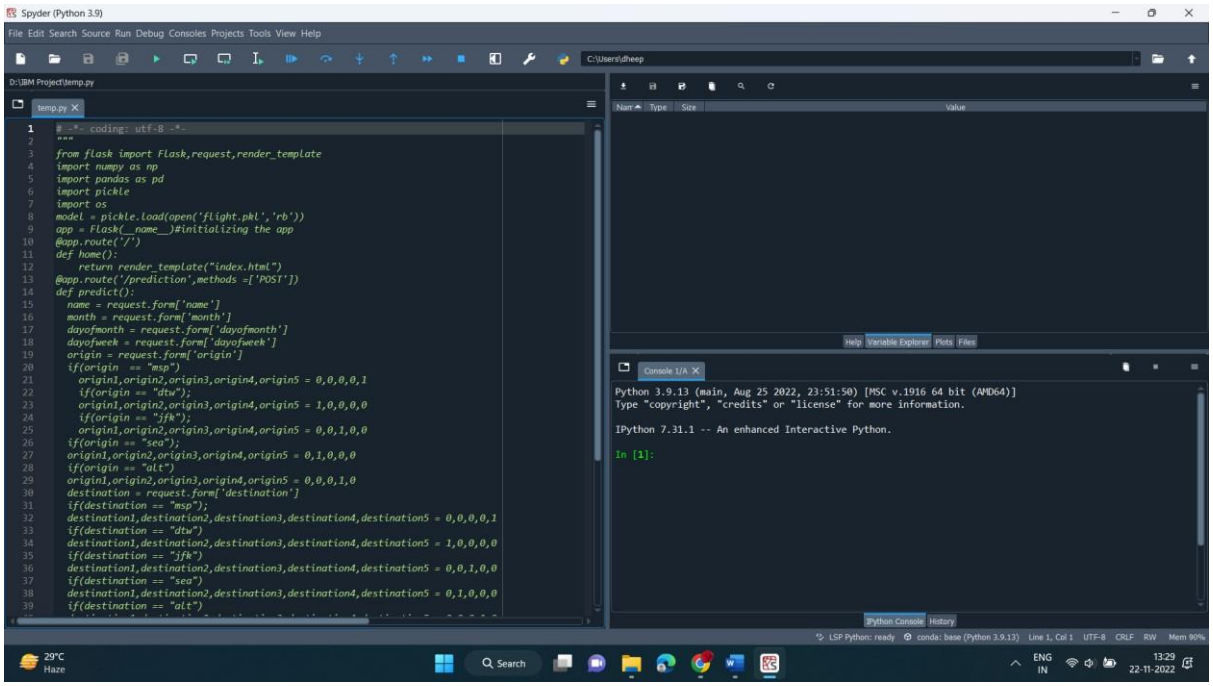
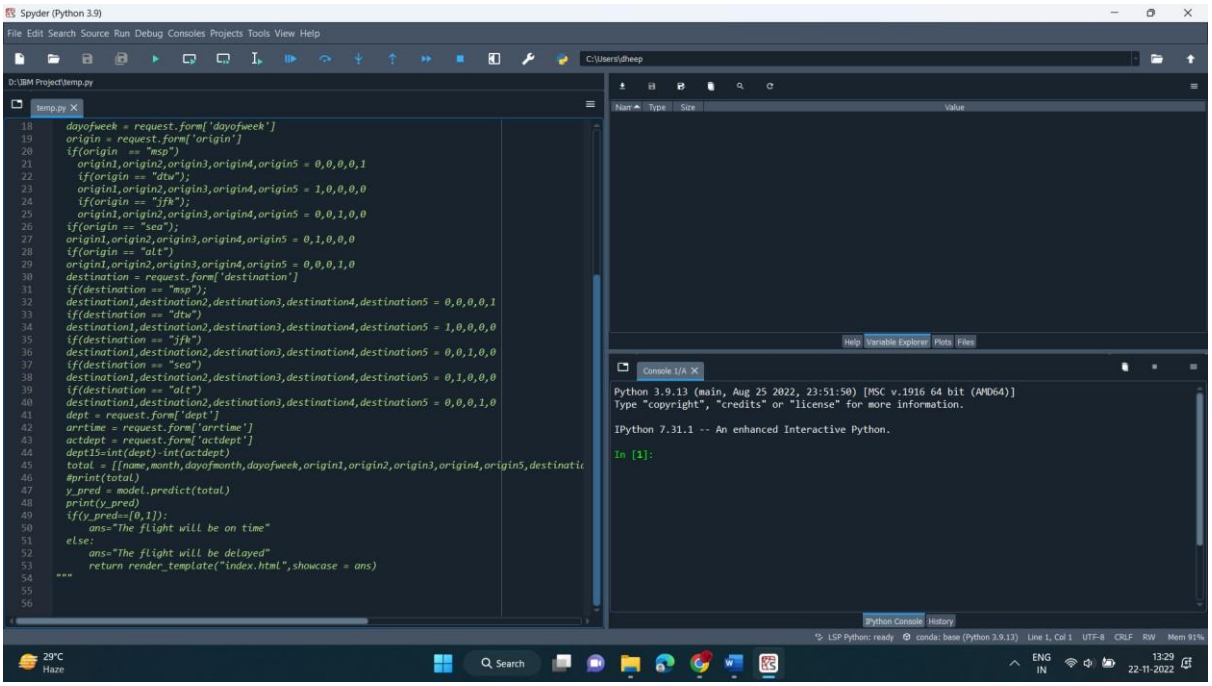
INTEGRATE FLASK WITH SCORING END POINT

DATE	01 NOVEMBER 2022
TEAM ID	PNT2022TMID27775
PROJECT NAME	DEVELOPING A FLIGHT DELAY PREDICTION MODEL BY USING MACHINE LEARNING





def

home():

return render_template('index.html') def

y_predict():

geography = request.form("geography")

gender= request.form("gender") age=

request.form("age") tenure=

request.form("tenure") creditscore=

request.form("creditscore") balance=

request.form("balance") noof =

request.form["no of"]

hascreditcard = request.form{"has credit card"] isactivemember

= request.form{"isactivemember"] estimatedsalary =

request.form["estimated salary"] if(geography == "Spain"):

s1,s2,s3 = 0,0,1 if(geography

== "Germany"):

s1,s2,s3 = 0,1,0

if(geography == "Newyork"):

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s1,s2,s3 = 0,1,0 if(gender
==”female”):
gender = 0 if(gender
== “male”):
gender = 1 if(isactivemember
== “no”):
isactivemember = 0
if(isactivemember == “yes”):
isactivemember = 1
if(hascreditcard == “no”):
hascreditcard = 0 if(hascreditcard
== “yes”):
hascreditcard = 1
t=[[int(s1),int(s2),int(s3),int(creditscore),int(gender),int(age),int(tenure),int(balance),int(noof)
,int(hascreditcard),int(isactivemember),int(estimatedsalary)]] print(t)
payload_scoring =
(“input_data”:[{“field”:[[“G1”,”G2”,”G3”,”CreditScore”,”Gender”,”Age”,”Tenure”,”Balance
”,”numofproducts”,”HasCrCard”,”IsActiveMember”)
print(“Scoring response’) predictions =
response_scoring.json() print(predictions)
pred = predictions[‘predictions’][0][‘values’][0][0] if(pred
== 0):
output = “he will not get excited”
print(“ he will not get excited”)
else:
output = “he gets excited”
print(“he gets excited”)
return render_template(“index.html’,prediction_text=output)
if_name_ == “_main_”:
app.run(debug=True)
```