from flask import Flask, render\_template, flash, request, session,send\_file

from flask import render\_template, redirect, url\_for, request

import datetime

import mysql.connector

import sys

app = Flask(\_name\_)

app.config['DEBUG']

app.config['SECRET\_KEY'] = '7d441f27d441f27567d441f2b6176a'

@app.route("/")

def homepage():

import os, shutil

folder = 'static/plott'

for filename in os.listdir(folder):

file\_path = os.path.join(folder, filename)

try:

if os.path.isfile(file\_path) or os.path.islink(file\_path):

os.unlink(file\_path)

elif os.path.isdir(file\_path):

shutil.rmtree(file\_path)

except Exception as e:

print('Failed to delete %s. Reason: %s' % (file\_path, e))

return render\_template('index.html')

@app.route("/ViewData")

def ViewData():

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cur = conn.cursor()

cur.execute("SELECT \* FROM salestb ")

data = cur.fetchall()

return render\_template('ViewData.html',data=data)

@app.route("/excelpost", methods=['GET', 'POST'])

def uploadassign():

if request.method == 'POST':

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cursor = conn.cursor()

cursor.execute("truncate table salestb ")

conn.commit()

conn.close()

file = request.files['fileupload']

file\_extension = file.filename.split('.')[1]

print(file\_extension)

#file.save("static/upload/" + secure\_filename(file.filename))

import pandas as pd

import matplotlib.pyplot as plt

df = ''

if file\_extension == 'xlsx':

df = pd.read\_excel(file.read(), engine='openpyxl')

elif file\_extension == 'xls':

df = pd.read\_excel(file.read())

elif file\_extension == 'csv':

df = pd.read\_csv(file)

print(df)

print("Preprocessing Completed")

print(df)

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cursor = conn.cursor()

for row in df.itertuples():

cursor.execute(" INSERT INTO salestb VALUES ('"+ row.Month +"','"+ row.Customer+"','"+ row.Period +"','"+row.Product +"','"+ row.Location +"','"+ row.SalesRep +"','"+ row.Supplier+"','"+ row.WarehouseLocations +"','"+ str(row.Actual) + "','"+str(row.CSales)+"','"+ str(row.InventoryStock)+"','"+ str(row.LSales)+"','"+ str(row.MSales) +"','"+str(row.NumberofRecords) + "','"+str(row.ReceivedInventory) +"','"+ str(row.RepSales) +"','"+str(row.Target) +"' )")

conn.commit()

conn.close()

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cur = conn.cursor()

cur.execute("SELECT \* FROM salestb ")

data = cur.fetchall()

return render\_template('ViewData.html', data=data)

@app.route("/Customer")

def Customer():

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Customer FROM salestb ")

customer = cur.fetchall()

#print(coorname)

return render\_template('Customer.html', customer=customer)

@app.route("/csearch", methods=['GET', 'POST'])

def csearch():

if request.method == 'POST':

cname = request.form['Customer']

import matplotlib.pyplot as plt

import matplotlib

matplotlib.use('Agg')

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

mycursor = conn.cursor()

# Fecthing Data From mysql to my python progame

mycursor.execute("select Month, sum(CSales) as CSales from salestb where Customer='"+ cname +"' group by Month")

result = mycursor.fetchall

Month = []

CSales = []

Month.clear()

CSales.clear()

for i in mycursor:

Month.append(i[0])

CSales.append(i[1])

print("Month = ", Month)

print("Total Sales = ", CSales)

# Visulizing Data using Matplotlib

plt.figure(figsize=(12, 10))

plt.bar(Month, CSales, color=['black', 'red', 'green', 'blue', 'cyan'])

#plt.ylim(0, 5)

ax = plt.gca()

plt.draw()

ax.tick\_params(axis='x', rotation=70)

plt.xlabel("Month",fontsize=5)

plt.ylabel("Total Sales")

plt.title("Customer Sales")

import random

n = random.randint(1111, 9999)

plt.savefig('static/plott/' + str(n) + '.jpg')

iimg = 'static/plott/' +str(n)+ '.jpg'

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cur = conn.cursor()

cur.execute("SELECT \* FROM salestb where Customer='"+ cname +"' ")

data = cur.fetchall()

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Customer FROM salestb ")

customer = cur.fetchall()

return render\_template('Customer.html', data=data,dataimg=iimg,customer=customer)

@app.route("/Location")

def Location():

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Location FROM salestb ")

location = cur.fetchall()

#print(coorname)

return render\_template('Location.html', locat=location)

@app.route("/lsearch", methods=['GET', 'POST'])

def lsearch():

if request.method == 'POST':

lllocation = request.form['loc']

import matplotlib.pyplot as plt

import matplotlib

matplotlib.use('Agg')

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

mycursor = conn.cursor()

mycursor.execute("select Month, sum(MSales) as MSales from salestb where Location='"+ lllocation +"' group by Month")

result = mycursor.fetchall

Month = []

MSales = []

Month.clear()

MSales.clear()

for i in mycursor:

Month.append(i[0])

MSales.append(i[1])

print("Month = ", Month)

print("Total Sales = ", MSales)

# Visulizing Data using Matplotlib

plt.figure(figsize=(12, 10))

plt.bar(Month, MSales, color=['yellow', 'red', 'green', 'blue', 'cyan'])

#plt.ylim(0, 5)

ax = plt.gca()

plt.draw()

ax.tick\_params(axis='x', rotation=70)

plt.xlabel("Month")

plt.ylabel("Total Sales")

plt.title("Sales By Location")

import random

n = random.randint(1111, 9999)

plt.savefig('static/plott/'+str(n)+'.jpg')

iimg = 'static/plott/'+str(n)+'.jpg'

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cur = conn.cursor()

cur.execute("SELECT \* FROM salestb where Location='"+ lllocation +"' ")

data = cur.fetchall()

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct location FROM salestb ")

locati = cur.fetchall()

return render\_template('Location.html', data=data, dataimg=iimg, locat=locati)

@app.route("/Sales")

def Sales():

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Month FROM salestb ")

location = cur.fetchall()

#print(coorname)

return render\_template('Sales.html', mon=location)

@app.route("/salsearch", methods=['GET', 'POST'])

def salsearch():

if request.method == 'POST':

month = request.form['loc']

import matplotlib.pyplot as plt

import matplotlib

matplotlib.use('Agg')

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

mycursor = conn.cursor()

mycursor.execute("select Product, sum(RepSales) as MSales from salestb group by Product")

result = mycursor.fetchall

Month = []

MSales = []

Month.clear()

MSales.clear()

for i in mycursor:

Month.append(i[0])

MSales.append(i[1])

print("Month = ", Month)

print("Total Sales = ", MSales)

# Visulizing Data using Matplotlib

plt.figure(figsize=(12, 10))

plt.bar(Month, MSales, color=['yellow', 'red', 'green', 'blue', 'cyan'])

#plt.ylim(0, 5)

ax = plt.gca()

plt.draw()

ax.tick\_params(axis='x', rotation=70)

plt.xlabel("Product")

plt.ylabel("Total Sales")

plt.title("Sales By Product")

import random

n = random.randint(1111, 9999)

plt.savefig('static/plott/'+str(n)+'.jpg')

iimg = 'static/plott/'+str(n)+'.jpg'

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cur = conn.cursor()

cur.execute("SELECT \* FROM salestb where Month='"+ month +"' ")

data = cur.fetchall()

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Month FROM salestb ")

locati = cur.fetchall()

return render\_template('Sales.html', data=data, dataimg=iimg, mon=locati)

@app.route("/SupplierInventory")

def SupplierInventory():

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Supplier FROM salestb ")

customer = cur.fetchall()

#print(coorname)

return render\_template('SupplierInventory.html', sup=customer)

@app.route("/supsearch", methods=['GET', 'POST'])

def supsearch():

if request.method == 'POST':

cname = request.form['sup']

import matplotlib.pyplot as plt

import matplotlib

matplotlib.use('Agg')

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

mycursor = conn.cursor()

# Fecthing Data From mysql to my python progame

mycursor.execute("select Month, sum(InventoryStock) as InventoryStock from salestb where Supplier='"+ cname +"' group by Month")

result = mycursor.fetchall

Month = []

CSales = []

Month.clear()

CSales.clear()

for i in mycursor:

Month.append(i[0])

CSales.append(i[1])

print("Month = ", Month)

print("Total Sales = ", CSales)

# Visulizing Data using Matplotlib

plt.figure(figsize=(12, 10))

plt.bar(Month, CSales, color=['black', 'red', 'green', 'blue', 'cyan'])

#plt.ylim(0, 5)

ax = plt.gca()

plt.draw()

ax.tick\_params(axis='x', rotation=70)

plt.xlabel("Month")

plt.ylabel("Inventory Stock")

plt.title("Inventory")

import random

n = random.randint(1111, 9999)

plt.savefig('static/plott/' + str(n) + '.jpg')

iimg = 'static/plott/' +str(n)+ '.jpg'

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

cur = conn.cursor()

cur.execute("SELECT \* FROM salestb where Supplier='"+ cname +"' ")

data = cur.fetchall()

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Supplier FROM salestb ")

customer = cur.fetchall()

return render\_template('SupplierInventory.html', data=data,dataimg=iimg,sup=customer)

@app.route("/Inventory")

def Inventory():

conn = mysql.connector.connect(user='root', password='', host='localhost', database='1Medicalddb')

# cursor = conn.cursor()

cur = conn.cursor()

cur.execute(

"SELECT distinct Month FROM salestb ")

location = cur.fetchall()

#print(coorname)

return render\_template('Inventory.html', mon=location)

@app.route("/insearch", methods=['GET', 'POST'])

def insearch():

if request.method == 'POST':

month = request.form['loc']

import matp