Question 2

Visual Code

Importing the required libaries

import pyodbc

import pandas as pd

import matplotlib.pyplot as plt

import matplotlib.pyplot as plt; plt.rcdefaults()

import numpy as np

Step 1 - importing data from sql to python

df = pd.read\_sql\_query('SELECT\* FROM v\_sales\_vacationhours\_bonus ', conn)

Step 2 - Plot 1 - Scatter Plot VacationHours vs Bonus

df.plot.scatter(x = 'VacationHours', y = 'Bonus', color = 'orange' ,linestyle = '--', title = 'Sales - Vacation\_Hrs/Bonus')

Step 3 - Plot 2 Scatter Plot Bonus vs Job Title

df.plot.scatter(x= 'Bonus', y = 'JobTitle', color = 'blue' ,linestyle = '--', title = 'Sales - JobTitle/Bonus' )