**Green Team:**

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**MILESTONE #3**

Read through the case study again, and determine what information, retrieved from the tables (basically a report), will be helpful in making the business decisions listed in the case study. There should be a minimum of three reports. Provide a description of the report, write the Python script to create the report, and take a screenshot of each report (result of query). The deliverables this week are: The Python script(s) and a Word document that has your group name at the top, members of the team, description of the reports, and screenshot(s) of the results of running the queries.

**REPORT #1**

Our first report is that we wanted to create a month-by-month report to show the delivery schedule and point out if supplier deliveries are on time and correct. We also want to make sure that all of our suppliers are delivering on time and to see if there is a large gap between expected delivery and actual delivery.

The Python code that has been produced will output this if “Option 1” is selected, and it shows us the ideas that we wanted to see.

**OUTPUT**

Bacchus Winery Delivery Schedule Report     |     Generated on: 02-26-2025 10:08:02 PM

Delivery ID: 1  
Supplier Name: Put a cork in it  
Item Type: Bottles  
Expected Delivery Date: 2025-01-05  
Actual Delivery Date: 2025-01-05  
Shipment Delivery: On time  
Quantity Delivered: 120,000

Delivery ID: 2  
Supplier Name: Put a cork in it  
Item Type: Corks  
Expected Delivery Date: 2025-01-05  
Actual Delivery Date: 2025-01-15  
Shipment Delivery: Was late  
Quantity Delivered: 120,000

Delivery ID: 3  
Supplier Name: Label this  
Item Type: Labels  
Expected Delivery Date: 2025-01-10  
Actual Delivery Date: 2025-01-10  
Shipment Delivery: On time  
Quantity Delivered: 10,000

Delivery ID: 4  
Supplier Name: Label this  
Item Type: Boxes  
Expected Delivery Date: 2025-02-15  
Actual Delivery Date: 2025-02-20  
Shipment Delivery: Was late  
Quantity Delivered: 10,000

Delivery ID: 5  
Supplier Name: Vat Man  
Item Type: Vats  
Expected Delivery Date: 2025-01-12  
Actual Delivery Date: 2025-02-20  
Shipment Delivery: Was late  
Quantity Delivered: 1,000

Delivery ID: 6  
Supplier Name: Vat Man  
Item Type: Tubing  
Expected Delivery Date: 2025-01-12  
Actual Delivery Date: 2025-01-12  
Shipment Delivery: On time  
Quantity Delivered: 1,000

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**REPORT #2**

Our second report was about wine distribution. We needed to see if all the wines are selling like we thought, and if one may be lacking behind. Also, we wanted to see what distributor carries which type of wine to pinpoint where we could make improvements.

Choosing “Option 2” in the program will show us the ideas that we wanted, and as you can see below the Python program has outputted exactly what we needed.

**OUTPUT**

Bacchus Winery Wine Sales Report     |     Generated on: 02-26-2025 10:08:02 PM

Wine Name: Austins Merlot Mystique  
Distributor: Austin Spirits  
Sales Quantity: 30,000  
Sale Date: 2025-01-02  
Price per Unit: $20.99  
Total Sales: $629,700.00

Wine Name: Marks Zinfandel Zen  
Distributor: Makers Mark  
Sales Quantity: 30,000  
Sale Date: 2025-01-02  
Price per Unit: $15.50  
Total Sales: $465,000.00

Wine Name: Justins Chardonnay Charm  
Distributor: Just in Time  
Sales Quantity: 30,000  
Sale Date: 2025-01-02  
Price per Unit: $25.49  
Total Sales: $764,700.00

Wine Name: Tabari Breeze  
Distributor: Tabari Distillery  
Sales Quantity: 30,000  
Sale Date: 2025-01-02  
Price per Unit: $22.00  
Total Sales: $660,000.00

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**REPORT #3**

As for our last report, we wanted to have a solid understanding of employee time. WE needed to see how many hours did each of our employees worked during the last four quarters.

Choosing “Option 3” in the program shows us that report, and gives us an organized list of the employees, their names, positions, and how many hours they have worked.

**OUTPUT**

Bacchus Winery Employee Worked Hours Report     |     Generated on: 02-26-2025 10:08:02 PM

Employee ID: 1  
First Name: Janet  
Last Name: Collins  
Position: Finance Manager  
Total (4 Quarters) Hours Worked: 1,500

Employee ID: 2  
First Name: Roz  
Last Name: Murphy  
Position: Marketing Manager  
Total (4 Quarters) Hours Worked: 1,200

Employee ID: 3  
First Name: Bob  
Last Name: Ulrich  
Position: Marketing Assistant  
Total (4 Quarters) Hours Worked: 1,024

Employee ID: 4  
First Name: Henry  
Last Name: Doyle  
Position: Production Manager  
Total (4 Quarters) Hours Worked: 2,048

Employee ID: 5  
First Name: Maria  
Last Name: Costanza  
Position: Distribution Manager  
Total (4 Quarters) Hours Worked: 2,400

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