# Report – Employee Time

**Case study question**: Employee time. During the last four quarters, how many hours did each employee work?

The following report displays each employee of Bacchus Winery, their department and finally the total number of hours worked over the last four quarters.

This is done by querying the database to discover how many employees there are and then selecting one employee at a time. Adding together all their hours worked for the last four quarters. Finally, all the employees with their total worked hours are returned in one instance.

Text

Description automatically generated with medium confidence

**report\_2\_employee\_hours.py** script to create the report.

Text

Description automatically generated

# Report - Generates report for delivery information

**Case study question**: Are all suppliers delivering on time? Is there a large gap between expected delivery and actual delivery? *A month by month report should show problem areas*.

This report displays month wise supply deliveries that displays supplier name, number of days delivery was delayed and average delivery time.

To prepare this report, a view is created that would return all the deliveries and then GROUP BY is used to group all the deliveries by month. Following is sample report generated:

Table

Description automatically generated with low confidence

# Report - Which distributor carries which wine?

**Case study question**: The wine distribution, are all wines selling as they thought? Is one wine not selling? *Which distributor carries which wine*?

This report displays all the wines that a distributor would have ordered ever.

To generate the report, we iterated through all the distributors stored in the table and then for each distributor, we retrieve all the wines it would have ever ordered:

Text

Description automatically generated