

Agenda

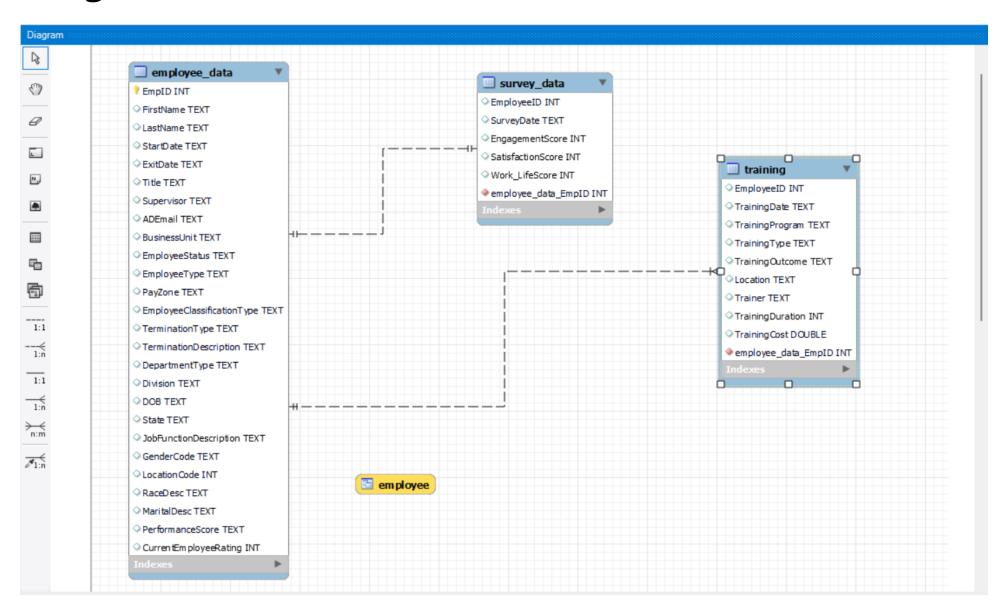
- Introduction
- ER diagram
- Analysis Reports



Introduction

- Understanding workforce dynamics, performance, and engagement is crucial for optimizing operations and fostering a productive work environment.
- Key Components:
 - Employee Data Table: Contains essential information about employees, including personal details, employment history, and performance metrics.
 - Survey Data Table: Captures feedback from employee surveys, helping assess engagement levels, satisfaction, and work-life balance.
 - Training Data Table: Records details of employee training sessions, including dates, program names, and outcomes

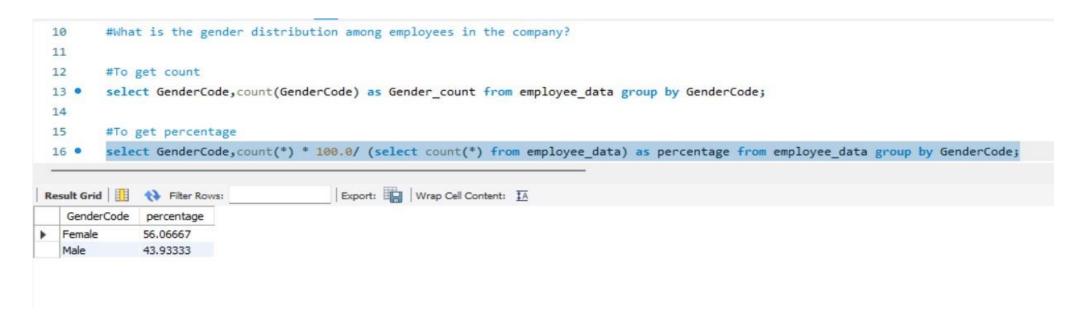
ER Diagram



DATA ANALYSIS

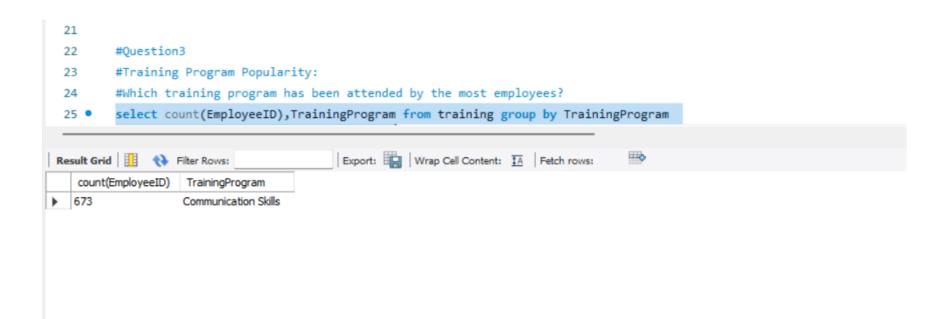
What is the Gender Distribution among Employees in the Company?

- The distribution presents a higher representation of female employees compared to male employees.
- Female Employees distribution 56.06667% and Male Employee
 Distribution 43.9333%

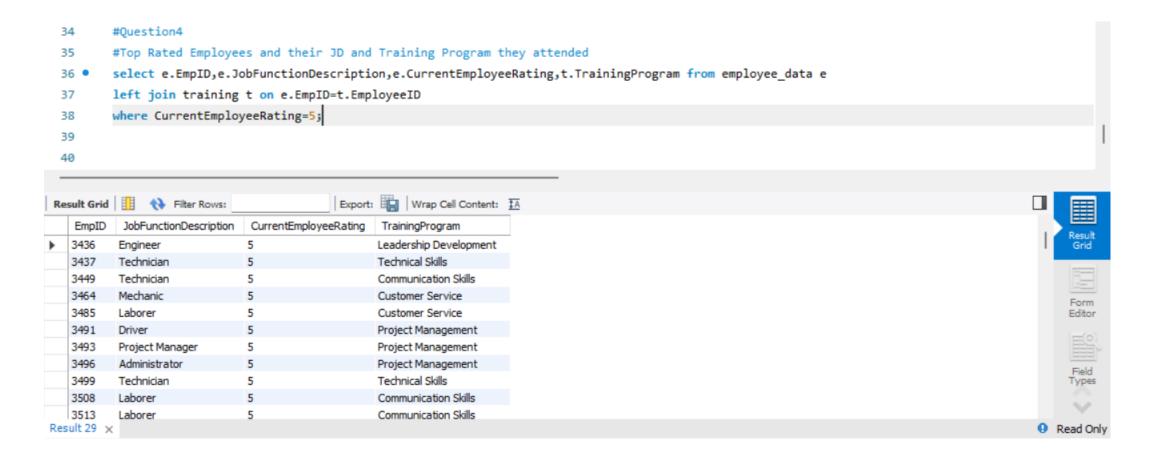


Which Training Program has been attended by most of the employees?

 The Communication Skills training program has been attended by the highest number of employees, with a total count of 673.

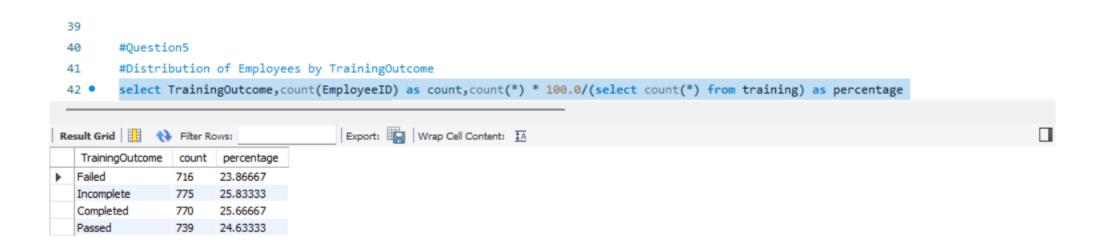


Top rated employees along with the training Program they attended

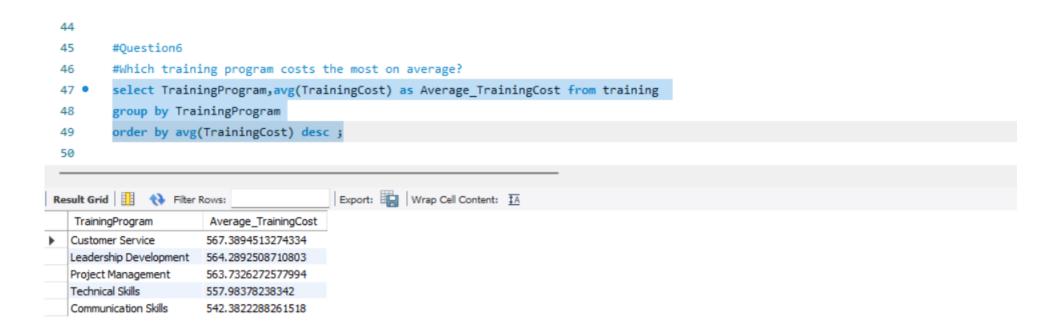


Distribution of Employees by Training Outcome

The combined percentage of completed and passed outcomes (49%)
highlights the overall success rate of training initiatives.

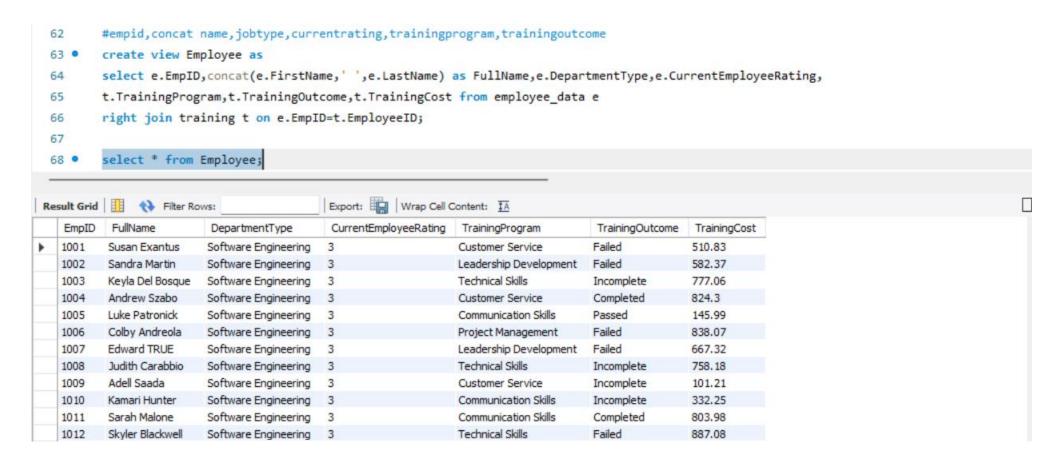


Average Training Cost of each Training Program



Employee Training and Performance view

 The view provides a comprehensive overview of employees' training participation, outcomes, and Employee ratings.



Stored Procedure: Get Training Outcome by EmpID

 Provides a convenient and reusable method to retrieve training outcomes for individual employees.

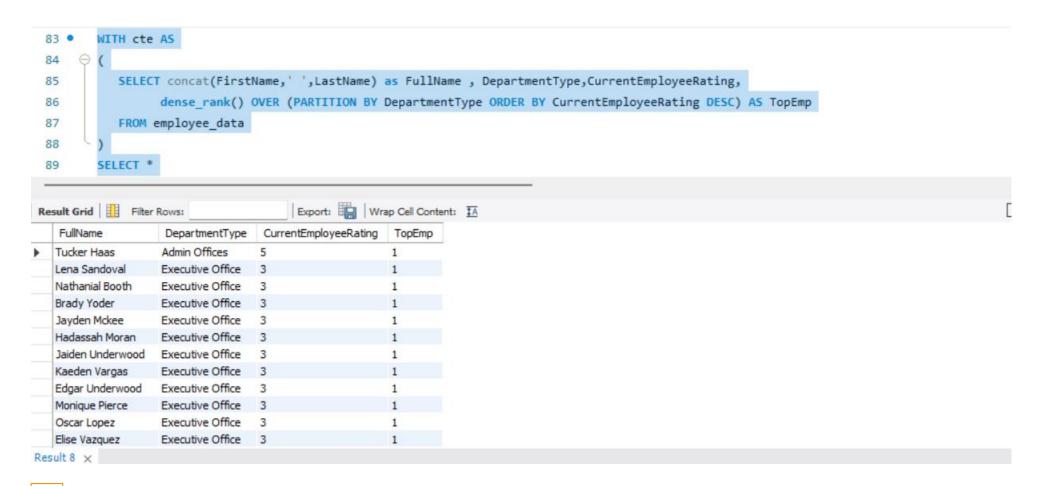
```
#Stored Procedure
  #To get the Training Outcome from EmpID
  delimiter //
  create procedure GetTrainingOutcome(IN ID int)

→ begin

       select TrainingOutcome from training where EmployeeID=ID;
  end //
  delimiter;
  call GetTrainingOutcome(1001);
                                         Export: Wrap Cell Content: 1A
   Result Grid Filter Rows:
      TrainingOutcome
  Failed
```

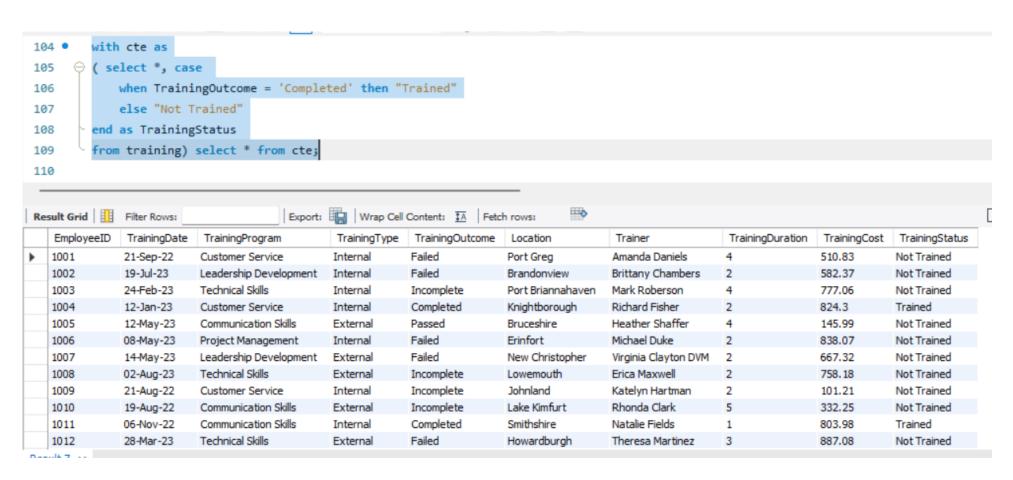
Windows

 Identify the top-performing employees in each department based on Employee Rating



Case

 Utilize a case statement to mark training outcomes as "Trained" if they are completed or passed, and "Not Trained" otherwise.



Identifying Low-Performance Employees and Training Status

Provides insight into the training status of low-performance employees.

```
#get all the employees whose performance score is low and check whether they completed training program and their job type

    ● WITH low employee AS (

         SELECT e.EmpID, CONCAT(e.FirstName, '', e.LastName) AS FullName, e.PerformanceScore, e.JobFunctionDescription, t.TrainingOutcome,
              CASE
                  WHEN t.TrainingOutcome = 'Completed' THEN 'Trained'
                  WHEN t.TrainingOutcome = 'Passed' THEN 'Trained'
                  ELSE 'Not Trained'
              END AS TrainingStatus
         FROM employee data e
         RIGHT JOIN training t ON e.EmpID = t.EmployeeID
         WHERE e.PerformanceScore = 'Needs Improvement')SELECT * FROM low employee;
                                                  Export: Wrap Cell Content: IA
       Result Grid
                       Filter Rows:
                  FullName
                                    PerformanceScore
                                                       JobFunctionDescription
                                                                                            TrainingStatus
           EmpID
                                                                            TrainingOutcome
          1391
                  Taylor Sparks
                                   Needs Improvement
                                                      Supervisor
                                                                            Completed
                                                                                            Trained
           1398
                  Debbie Mangal
                                   Needs Improvement
                                                      Runner
                                                                            Passed
                                                                                            Trained
           1399
                  Helen Billis
                                   Needs Improvement
                                                                            Incomplete
                                                                                            Not Trained
                                                      Foreman
                                                                            Completed
                                                                                            Trained
          1413
                  Ann Montgomery
                                   Needs Improvement
                                                      Accounting Foreman
           1418
                  Kaiden Leblanc
                                   Needs Improvement
                                                      Project Manager
                                                                            Failed
                                                                                            Not Trained
          1422
                  Gianna Lopez
                                   Needs Improvement
                                                      Technician
                                                                            Failed
                                                                                            Not Trained
          1423
                  Azaria Young
                                                                            Passed
                                                                                            Trained
                                   Needs Improvement
                                                      Laborer
          1424
                  Aydin Bautista
                                   Needs Improvement
                                                                                            Not Trained
                                                      Laborer
                                                                            Incomplete
          1425
                  Antoine Schaefer
                                                      Technician
                                                                            Failed
                                                                                            Not Trained
                                   Needs Improvement
           1427
                  Jean Duffy
                                   Needs Improvement
                                                      Project Manager
                                                                            Passed
                                                                                            Trained
           1430
                  Evangeline Downs Needs Improvement
                                                                            Passed
                                                                                            Trained
                                                      Shop
       Result 27 ×
```

