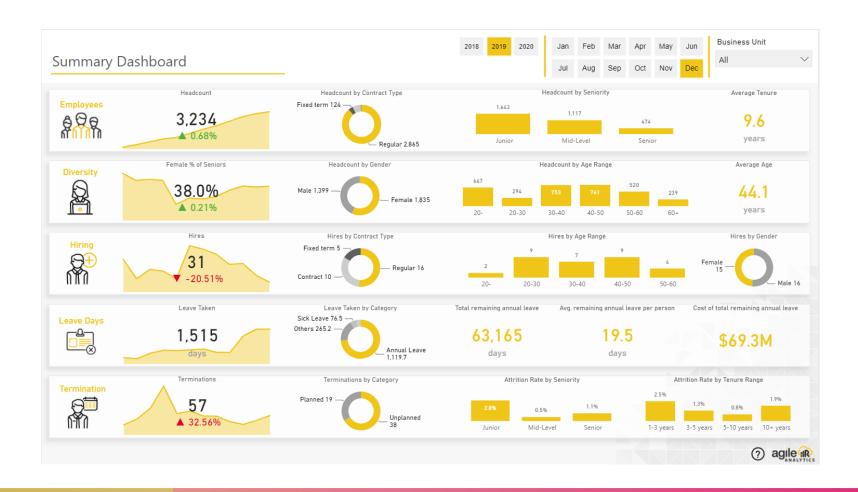
MENTORSHIP

EXAM 2 DATABASE

- 1. TOPIC
- 2. DATABASE
- 3. QUERY

1. TOPIC



1.TOPIC



• There are active year, month, and business filters applied across the entire query.





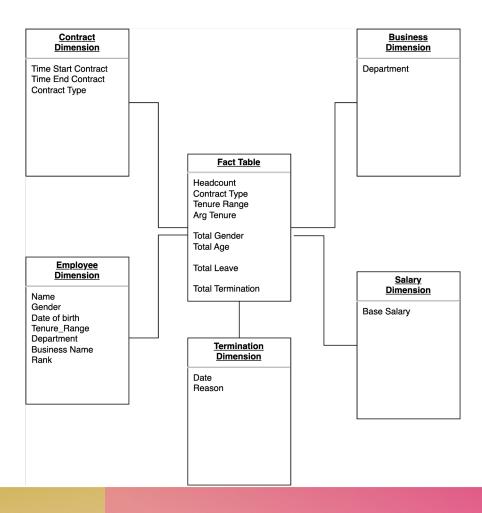




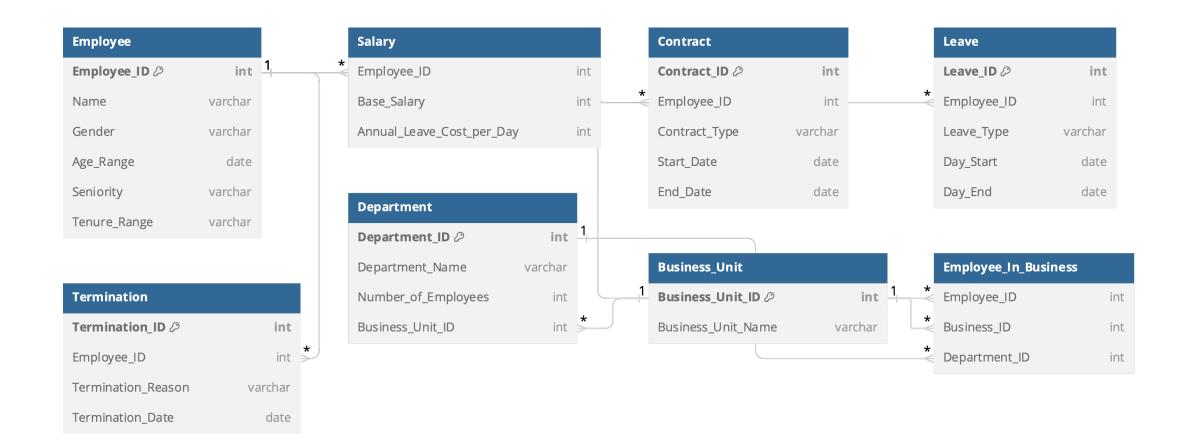


• Main items on the page.

2. DATABASE



2. DATABASE





Headcount

Headcount by Contract Type



- Headcout by Seniority

GROUP BY e.Seniority;



Average Tenure



• Female %



Headcount by Gender



Headcount by Age Range

```
SELECT SUM (CASE
               WHEN TIMESTAMPDIFF (YEAR, Age Range, CURDATE()) < 20 THEN 1
               ELSE 0
           END) AS total employees 20,
       SUM (CASE
               WHEN TIMESTAMPDIFF (YEAR, Age Range, CURDATE()) BETWEEN 20 AND 29 THEN 1
           END) AS total employees 20 30,
       SUM (CASE
               WHEN TIMESTAMPDIFF (YEAR, Age Range, CURDATE()) BETWEEN 30 AND 39 THEN 1
               ELSE 0
           END) AS total employees 30 40,
       SUM (CASE
               WHEN TIMESTAMPDIFF(YEAR, Age Range, CURDATE()) BETWEEN 40 AND 49 THEN 1
               ELSE 0
           END) AS total employees 40 50,
       SUM (CASE
               WHEN TIMESTAMPDIFF (YEAR, Age Range, CURDATE()) BETWEEN 50 AND 59 THEN 1
               ELSE 0
           END) AS total employees 50 6,
       SUM (CASE
               WHEN TIMESTAMPDIFF (YEAR, Age Range, CURDATE()) > 60 THEN 1
               ELSE 0
           END) AS total employees 50 60
FROM Employee e
LEFT JOIN Contract c ON e.Employee ID = c.Employee ID
WHERE <date filter> BETWEEN c.Start Date AND IF(c.End Date != NULL, c.End Date, CURDATE())
```