

Employee Analysis

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1	How many employees joined in the recent year?	SELECT Count(*) FROM employee_db WHERE Year(joining_date) = 2019
2	Find out the number of employees joined in the second half of the year.	SELECT Count(*) FROM employee_db WHERE Month(joining_date) > 6;
3	How many employees joined on Sunday?	SELECT Count(*) FROM employee_db WHERE Dayname(joining_date) = "sunday"
4	Find out number of employees who are joined in the last 10 years. Use current date as today's date	SELECT Count(*) FROM `employee_db` WHERE joining_date >= Date_add(Curdate(), INTERVAL -10 year)
5	On an average, after how many years employee's get promoted in the company? Round off the value to whole number	SELECT Round(Avg(Datediff(last_promoted, joining_date) / 365)) AS "years" FROM employee_db

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Make an employee code for each record by following below steps,
Extract the following substrings and join them as required

1. <1st letter of the first name><1st letter of surname>

2. <Year of joining>

3. <Gender><Employee ID>

Join all of the above substrings with "-".

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```
SELECT first_name,  
       surname,  
       joining_date,  
       gender,  
       employee_id,  
       Ucase(Concat(Substr(first_name, 1, 1), Substr(surname, 1, 1), "-", Year(  
           joining_date),  
           "-", gender, employee_id))) AS "employee_code"  
FROM   employee_db
```