SQL Team Project

Develhope

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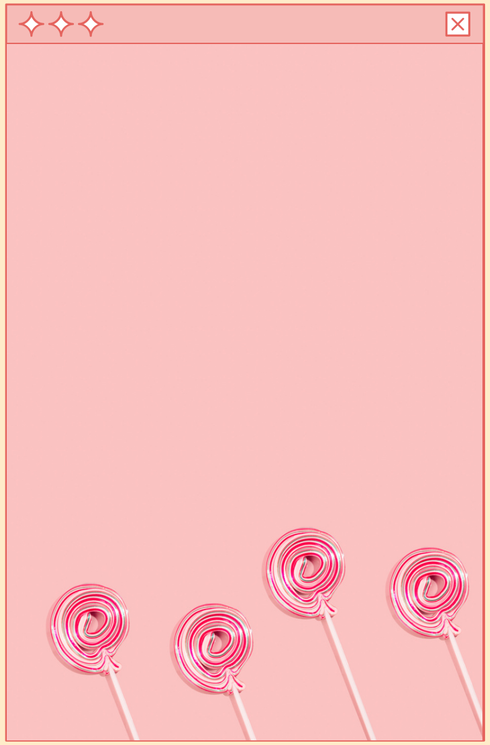


Queries

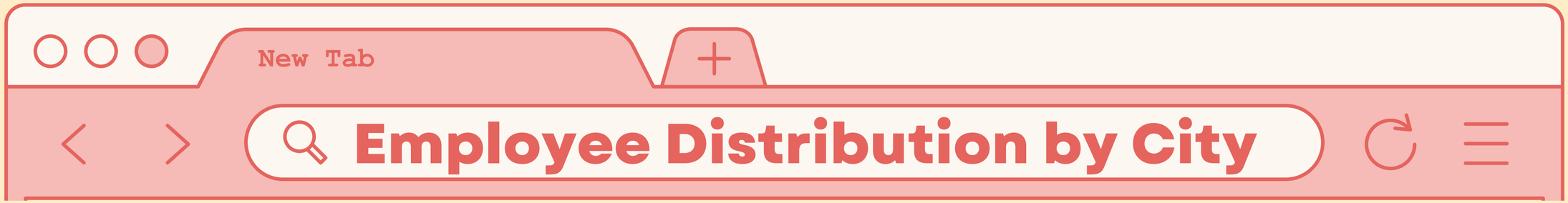
Tables

Insight from Tables

Employees by Title

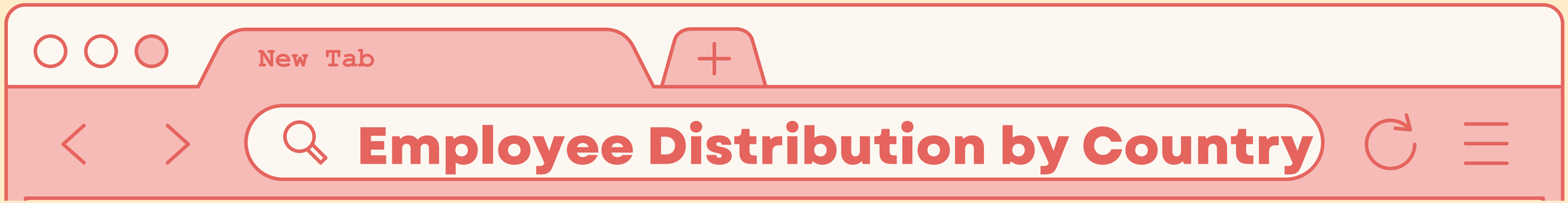
```
create temp table employees_by_title as
SELECT Title,
 COUNT(EmployeeID) as number_of_employee
 FROM Employees
 GROUP BY Title
 ORDER BY Title
```

Title	number_of_employee
Inside Sales Coordinator	1
Sales Manager	1
Sales Representative	6
Vice President, Sales	1



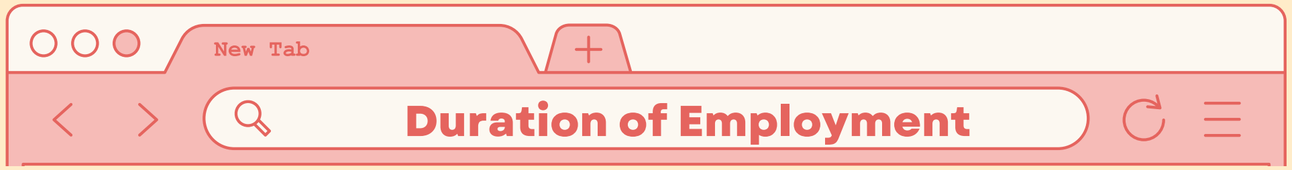

```
create temp table distribution_by_city as
SELECT MAX(City) AS cities,
COUNT(City) AS number_of_employee_residing
FROM Employees e
GROUP BY city
ORDER BY city
```

cities	number_of_employee_residing
Kirkland	1
London	4
Redmond	1
Seattle	2
Tacoma	1



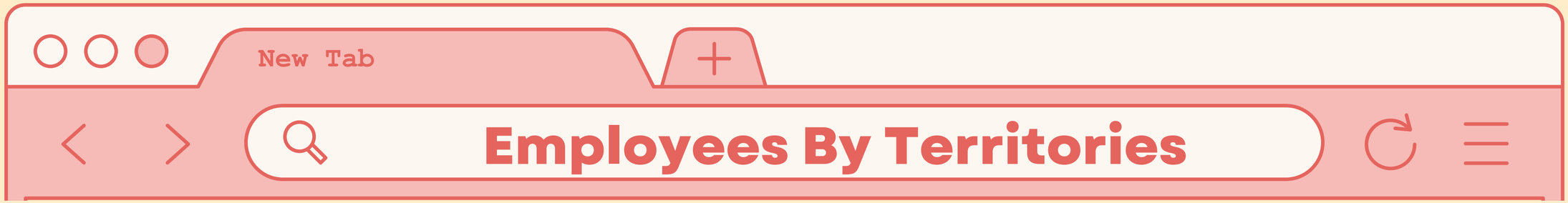

```
create temp table distribution_by_country as
SELECT  MAX(Country) AS countries,
 COUNT(Country) AS number_of_employee_residing
FROM Employees e
GROUP BY country
ORDER BY country
```

countries	number_of_employee_residing
UK	4
USA	5




```
create temp table employment_duration_temp as
SELECT  FirstName || ' ' || LastName AS FullName,
hiredate, current_date,
(current_date - HireDate) AS
duration_of_employment
from  Employees ;
```

FullName	HireDate	current_date	duration
Nancy Davolio	2012-05-01	2022-10-12	10
Andrew Fuller	**2012-08-14**	**2022-10-12**	**10**
Janet Leverling	2012-04-01	2022-10-12	10
Margaret Peacock	**2013-05-03**	**2022-10-12**	**9**
Steven Buchanan	2013-10-17	2022-10-12	9
Michael Suyama	**2013-10-17**	**2022-10-12**	**9**
Robert King	2014-01-02	2022-10-12	8
Laura Callahan	**2014-03-05**	**2022-10-12**	**8**
Anne Dodsworth	2014-11-15	2022-10-12	8




```
SELECT
 FirstName || ' ' || LastName as Name,
 et.TerritoryID , t.TerritoryDescription
FROM EmployeeTerritories et
LEFT JOIN Employees e
ON et.EmployeeID = e.EmployeeID
LEFT JOINTerritories t
ON t.TerritoryID =et.TerritoryID
```

```
SELECT
 FirstName || ' ' || LastName as Name,
 COUNT(et.TerritoryID) as Total_Territory
FROM EmployeeTerritories et
LEFT JOIN Employees e
ON et.EmployeeID = e.EmployeeID
GROUP BY Name
ORDER BY Total_Territory DESC
```

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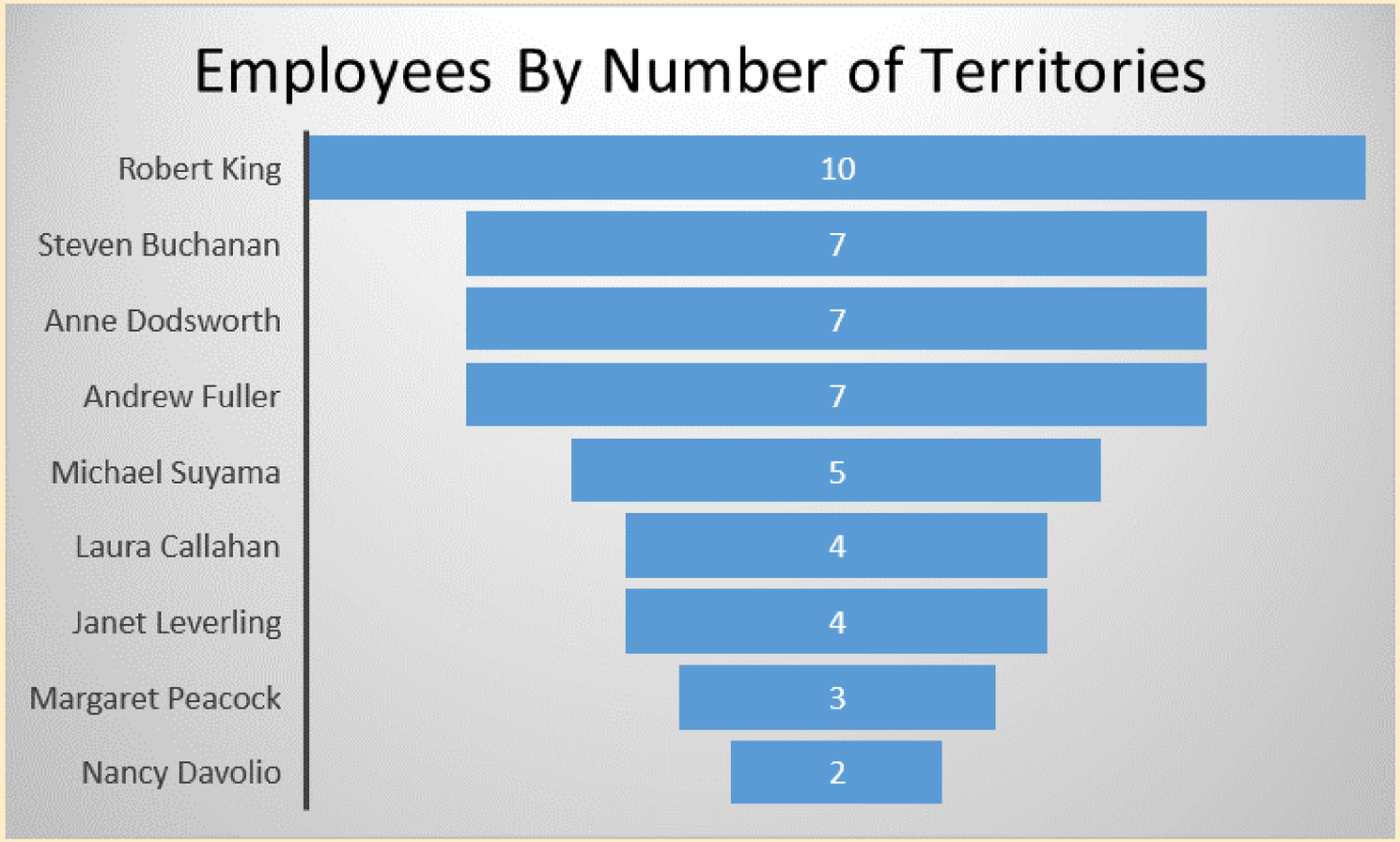
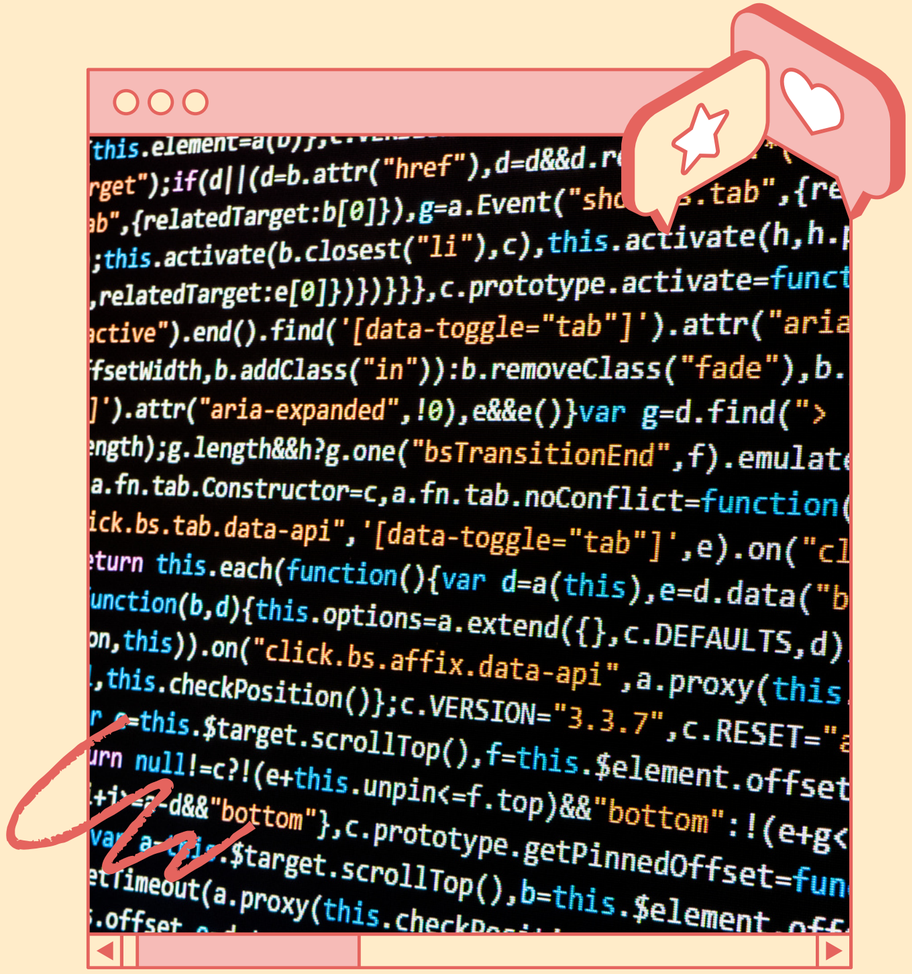
Total Territory By Employee



```
SELECT
 a.EmployeeID,
 a.LastName || " " || a.FirstName as employee,
 b.LastName||" " || b.FirstName  as manager
FROM employees a
LEFT JOIN employees b
ON b.EmployeeID = a.ReportsTo
ORDER BY a.EmployeeID;
```

EmployeeID	employee	manager
1	Davolio Nancy	Fuller Andrew
2	Fuller Andrew	
3	Leverling Janet	Fuller Andrew
4	Peacock Margaret	Fuller Andrew
5	Buchanan Steven	Fuller Andrew
6	Suyama Michael	Buchanan Steven
7	King Robert	Buchanan Steven
8	Callahan Laura	Fuller Andrew
9	Dodsworth Anne	Buchanan Steven



Thank You

Furkan Balkaya