# **Practice SQL JOIN Methods\_V2**

**Inner JOIN Practice**

1. Employees and departments  (*Employees* & *Departments* tables)
   1. For each employee, display the first name, last name, department number and department name.
   2. Display the first name, last name, department number and department name, for all employees in departments 50 or 90.
2. Departments and locations (*Departments*, Employees & *Locations* tables)
   1. For each department, display the department name, city, and state province.
   2. For each employee, display the full name, department name, city, and state province.
   3. Display the full name, department name, city, and state province, for all employees whose last name contains the letter *a*.

**None Equi JOIN Practice**

1. For each employee, display the first name, salary, and job grade (*Employees* & *Job\_Grades* tables)

**Outer JOIN Practice**

1. Employees & departments
   1. Display the first name, last name, department number and department name, for all employees including those without any department.
   2. Modify your query to display all departments including departments without any employees.

**Self JOIN Practice**

1. Employees and managers (*Employees* table)
   1. For each employee, display the last name, and the manager’s last name.
   2. Modify your query to display all employees including those without any manager.
2. Display the first name, last name, and department number for all employees who work in the same department as employee whose last name is “King”.
3. Display the last name and salary for all employees who earn less than employee number 103.