

Execute a Basic SQL SELECT Statement

SQL **SELECT** statement can do the following three types of work:

- Projection
- Selection
- Joining

Projection

```
SELECT "EMPLOYEE_ID"  
      , "FIRST_NAME"  
      , "LAST_NAME"  
      , "EMAIL"  
      , "PHONE_NUMBER"  
      , "HIRE_DATE"  
      , "BIRTHDATE"  
FROM "HR"."EMPLOYEES"
```

Selection

```
SELECT "EMPLOYEE_ID"  
      , "FIRST_NAME"  
      , "LAST_NAME"  
      , "EMAIL"  
      , "PHONE_NUMBER"  
      , "HIRE_DATE"  
      , "BIRTHDATE"  
FROM "HR"."EMPLOYEES"  
WHERE "LAST_NAME" LIKE 'A%'
```

Joining

```
SELECT E."EMPLOYEE_ID"  
      , E."FIRST_NAME"  
      , E."LAST_NAME"  
      , D."DEPARTMENT_NAME"  
FROM "HR"."EMPLOYEES" E  
      , "HR"."DEPARTMENTS" D  
WHERE E."DEPARTMENT_ID" = D."DEPARTMENT_ID";
```