

DAY 18: SELF JOIN AND CROSS JOIN

SELF JOIN is the process of joining a table to itself and it can be used to compare parts of the same table. While CROSS JOIN creates all possible combinations of two tables (i.e. it will display all the rows of the tables). It is also known as a cartesian join and does not require a joining condition.

```
/*Find the products under the category beverages.*/
SELECT P.product_name, C.category_name
FROM products AS P
CROSS JOIN categories AS C
WHERE C.category_name = 'Beverages';

/*Write a query to retrieve the names of employees with the job title sales representative*/
SELECT EM.employee_name, EP.job_title
FROM employees AS EM
INNER JOIN employees AS EP
USING(employee_id)
WHERE EP.job_title = 'Sales Representative';

@Adanna
```