In-class exercise:

1. Explore inner join; outer join; left join and right join respectively. A screenshot of a computer program

   Description automatically generated
2. Create a dataframe:

data = {

'Salesperson': ['Alice', 'Bob', 'Charlie', 'Alice', 'Bob', 'Charlie'],

'Product': ['Widget', 'Widget', 'Gadget', 'Gadget', 'Widget', 'Gadget'],

'Quantity': [4, 2, 3, 5, 6, 1]}

* Group the data by 'Salesperson' and calculate the total 'Quantity' sold by each salesperson.
* Group the data by 'Product' and find the average 'Quantity' sold.