Erstellen von Verknüpfungen mit Daten

HİLAL IŞIK

31.07.–02.08.2024

Orders

	Order_ID	Spice_Name	Quantity
0	1	Cinnamon	5
1	2	Turmeric	3
2	3	Cardamom	4
3	4	Nutmeg	2

left join

Prices

	Spice_Name	Price_per_Unit
0	Cinnamon	2.5
1	Turmeric	1.8
2	Cardamom	3.0
3	Saffron	10.0

	Order_ID	Spice_Name	Quantity	Price_per_Unit
0	1	Cinnamon	5	2.5
1	2	Turmeric	3	1.8
2	3	Cardamom	4	3.0
3	4	Nutmeg	2	NaN

Orders

	Order_ID	Spice_Name	Quantity
0	1	Cinnamon	5
1	2	Turmeric	3
2	3	Cardamom	4
3	4	Nutmeg	2

inner join

	Order_ID	Spice_Name	Quantity	Customer_Name	Address
0	1	Cinnamon	5	Lisa	123 Spice St.
1	2	Turmeric	3	Alex	456 Flavor Ave.
2	3	Cardamom	4	Simon	789 Aroma Blvd.

Customer

	Order_ID	Customer_Name	Address
0	1	Lisa	123 Spice St.
1	2	Alex	456 Flavor Ave.
2	3	Simon	789 Aroma Blvd.
3	5	Simone	101 Scent Rd.

Orders

	Order_ID	Spice_Name	Quantity
0	1	Cinnamon	5
1	2	Turmeric	3
2	3	Cardamom	4
3	4	Nutmeg	2

Prices

	Spice_Name	Price_per_Unit
0	Cinnamon	2.5
1	Turmeric	1.8
2	Cardamom	3.0
3	Saffron	10.0

outer join

	Order_ID	Spice_Name	Quantity	Price_per_Unit
0	1.0	Cinnamon	5.0	2.5
1	2.0	Turmeric	3.0	1.8
2	3.0	Cardamom	4.0	3.0
3	4.0	Nutmeg	2.0	NaN
4	NaN	Saffron	NaN	10.0

Orders

	Order_ID	Spice_Name	Quantity
0	1	Cinnamon	5
1	2	Turmeric	3
2	3	Cardamom	4
3	4	Nutmeg	2

concat/union

Customer

	Order_ID	Customer_Name	Address
0	1	Lisa	123 Spice St.
1	2	Alex	456 Flavor Ave.
2	3	Simon	789 Aroma Blvd.
3	5	Simone	101 Scent Rd.

	Order_ID	Spice_Name	Quantity	Customer_Name	Address
0	1	Cinnamon	5.0	NaN	NaN
1	2	Turmeric	3.0	NaN	NaN
2	3	Cardamom	4.0	NaN	NaN
3	4	Nutmeg	2.0	NaN	NaN
4	1	NaN	NaN	Lisa	123 Spice St.
5	2	NaN	NaN	Alex	456 Flavor Ave.
6	3	NaN	NaN	Simon	789 Aroma Blvd.
7	5	NaN	NaN	Simone	101 Scent Rd.