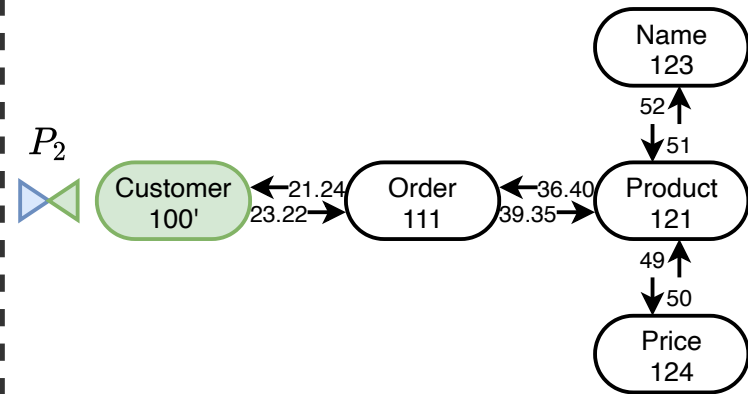


Diagram  $P_1$  illustrates a network structure. It features several nodes: a purple oval labeled "Customer 100", a blue oval labeled "Customer 100", a black oval labeled "Friend 109", a blue oval labeled "Customer 100'", a black oval labeled "Surname 104", and a black oval labeled "Surname 104'". Edges connect these nodes with associated weights: "Customer 100" to "Customer 100" (weight 4), "Customer 100" to "Surname 104" (weight 3), "Customer 100" to "Friend 109" (weight 17), "Friend 109" to "Customer 100" (weight 18), "Customer 100" to "Surname 104" (weight 7), "Surname 104" to "Customer 100" (weight 8), "Friend 109" to "Customer 100'" (weight 19), "Customer 100'" to "Friend 109" (weight 20), "Customer 100'" to "Surname 104'" (weight 4'), "Surname 104'" to "Customer 100'" (weight 3'), "Customer 100'" to "Surname 104'" (weight 7'), and "Surname 104'" to "Customer 100'" (weight 8').

Customer	c.id	c.name	c.surname	f.name	f.surname	f.id
1	1	Mary	Smith	Anne	Maxwell	2
1	1	Mary	Smith	John	Newlin	3
2	2	Anne	Maxwell	John	Newlin	3

Customer	c.id	c.name	c.surname	f.name	f.surname	f.id
1	1	Mary	Smith	Anne	Maxwell	2
1	1	Mary	Smith	John	Newlin	3
2	2	Anne	Maxwell	John	Newlin	3



Customer	Name	Price
1	Pyramids	200
2	Biology	550
3	Cars	450