

## Preparacion de datos Cornershop

1° - analizar información y armar la base de datos con sql para poder subirla a Python

Name	Type	Schema
▼  Tables (4)		
▼  order_products		CREATE TABLE "order_products" ( "order_id" TEXT, "prod
order_id	TEXT	"order_id" TEXT
product_id	TEXT	"product_id" TEXT
quantity	REAL	"quantity" REAL
buy_unit	TEXT	"buy_unit" TEXT
▼  orders		CREATE TABLE "orders" ( "order_id" TEXT, "lat" REAL, "lng
order_id	TEXT	"order_id" TEXT
lat	REAL	"lat" REAL
lng	REAL	"lng" REAL
promised_time	TEXT	"promised_time" TEXT
on_demand	TEXT	"on_demand" TEXT
shopper_id	TEXT	"shopper_id" TEXT
store_branch_id	TEXT	"store_branch_id" TEXT
total_minutes	TEXT	"total_minutes" TEXT
▼  shoppers		CREATE TABLE "shoppers" ( "shopper_id" TEXT, "seniority
shopper_id	TEXT	"shopper_id" TEXT
seniority	TEXT	"seniority" TEXT
found_rate	TEXT	"found_rate" TEXT
picking_speed	REAL	"picking_speed" REAL
accepted_rate	TEXT	"accepted_rate" TEXT
rating	TEXT	"rating" TEXT
▼  storebranch		CREATE TABLE "storebranch" ( "store_branch_id" TEXT, "
store_branch_id	TEXT	"store_branch_id" TEXT
store_id	TEXT	"store_id" TEXT
lat	REAL	"lat" REAL
lng	REAL	"lng" REAL
Indices (0)		
Views (0)		

2° - armar una nueva base de datos con la cantidad de productos por order y juntarlo con la la base datos “orders”

SQL 1

```
1 SELECT order_id,count(product_id) as " productos distintos ",sum(quantity) as "cantidad de productos " ,buy_unit from order_products GROUP by (order_id)
2
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	order_id	productos distintos	cantidad de productos	buy_unit
1	0004a3841c1eeb6c6e77585a941c21e0	4	8.0	UN
2	0005a6ecbbde1e8d273f5577bcff2c9c	1	2.0	UN
3	0007baeb6700fc203be2d1f1e11222d7	22	39.0	UN
4	0012195a6a8ca9ec308a3010eeea8ebc	11	13.0	UN
5	0013011fa72b498b9feb84f4e7104980	44	64.636	UN
6	00163fe640579e995cbfcf7c686bdb05	16	33.0	UN
7	002bd365a1c22ef190498efd95dd4c4c	1	1.8	KG
8	002dbea77302f2d301a6bb2b01b94876	1	1.0	UN
9	0031997ccd76dc0b376dd1a2125b8a3c	7	10.71	UN
10	00526202e3f0e70e9dc356b6d5b69a57	3	3.0	UN
11	0058896497733197c5c784968221cbf2	22	44.033	UN
12	0063a42f7c2e03b6471f352e9f0043f1	40	62.31	UN
13	0063b2b0ac40cf3d3f0843655b0d7e44	35	62.798	UN
14	0068e9fc7368fd3e8bca642d77f8dcf3	36	48.604	UN
15	006f65addd7da4c53e3f1a2a348e3415	53	84.885	UN
16	0077350b833c12e3fc63f0351719e0f8	16	18.002	UN
17	0079abba66856dafdf2b9a6e0db23a09	17	24.891	KG
18	00840da956bbfae03f7ef95b7042b7e5	35	49.0	UN
19	0086fd840214aad1419b7fecede851be	12	23.0	UN
20	00888238b55dd6feec6c7acb50e3570b	25	37.593	UN
21	008e7cfc5795c532c964775a845cff5c	39	55.466	KG
22	0094b9d3be585102d6889b8ced4fa4dd	19	36.871	KG
23	00980cbca97f5b4d1a6b53370b1a2006	44	58.678	UN
24	00b2105a5bdcf5a556dffead72353cb	13	14.7	UN
25	00bded6996e461b23fd7efb72d7f1c5d	37	42.704	UN
26	00cbfd07a9b1ad0b1859df295a12c217	13	26.0	UN
27	00d503f8f3d31ce0e3185e48b6299902	10	15.7	UN

order_id	lat_order	lng_order	lat_store	lng_store	promised_tion	demand	shopper_id	seniority	accepted_rai	found_rate	picking_sperating	store_branch	store_id	productosdis	UNIDADES	KG	total_minutes
e750294655c	-33.5016746	-70.5793686	-33.48528	-70.57925	2019-10-18	2	True	e63bc83a1a96c90661e6d2	0.92	0.9024	1.3	4.76	65ded5353c5c4ca4238a0b	19	15	4	67.684264
65811748462	-33.440584	-70.5562828	-33.441246	-70.53545	2019-10-19	0	False	195f9e9d84a41dc7c9e385	0.92	0.761	2.54	4.96	45fbc6d3e05c4ca4238a0b	5	5	0	57.0606318
3a226ea48de	-32.9870224	-71.5448421	-33.008213	-71.545615	2019-10-19	1	True	a5b9ddcd0d8750e13ee63f0	0.76	0.8313	2.57	4.92	07563a3fe3bc4ca4238a0b	5	5	0	
7d2ed03fe45	-33.3280748	-70.5126586	-33.355258	-70.537787	2019-10-18	2	True	d0b3f6bf7e241dc7c9e385	0.96	0.8776	2.8	4.76	f1748d6b0fd7f18499c1c8c	1	1	0	52.067742
b4b2682d771	-33.4032392	-70.5640197	-33.3865471	-70.5680753	2019-10-19	2	False	5c5199ce02f50e13ee63f0	0.96	0.7838	2.4	4.96	1f0e3dad999c4ca4238a0b	51	46	5	140.724822
9bf29b56619	-33.3307237	-70.5470741	-33.357558	-70.515415	2019-10-18	2	True	61e4ad15c3f6c90661e6d2	1	0.8946	1.82	4.84	33e75ff09dd a87ff679a2f3	10	10	0	
2c036d7b5dt	-33.4477303	-70.5738254	-33.4630009	-70.5753013	2019-10-19	1	True	5c15f25cf0be6c90661e6d2	0.88	0.8713	1.31	4.96	5751ec3e9a4c4ca4238a0b	6	4	2	45.5357369
d35c2539786	-33.4500983	-70.6039485	-33.474	-70.599	2019-10-19	0	False	3c4885d7dd46c90661e6d2	1	0.819	1.27	4.72	e4da3b7fbbbc4ca4238a0b	47	45	2	121.394073
93d769afdc9	-33.363772	-70.5483342	-33.357558	-70.515415	2019-10-18	2	True	278e1e3dbd6c90661e6d2	1	0.8755	1	4.92	33e75ff09dd a87ff679a2f3	14	13	1	72.4464288
299d948a5fd	-33.3499223	-70.5228411	-33.370765	-70.51242	2019-10-18	2	True	1456frc097016c90661e6d2	1	0.9363	1.67	4.84	1679091c5a8c4ca4238a0b	48	44	4	
341dfbec540	-33.3907709	-70.5210463	-33.4020236	-70.5167274	2019-10-19	1	False	3ab847ef7dc6c90661e6d2	0.96	0.8789	0.85	4.92	c4ca4238a0b c4ca4238a0b	5	4	1	30.524747
d0546a1e7dt	-33.4302223	-70.590958	-33.43008	-70.602525	2019-10-19	1	True	c51355f2af341dc7c9e385	0.96	0.8303	1.91	5	abd815286becdc7c76d30b	2	2	0	27.8110073