REQUIREMENTS:

Hi I hope this message finds you well.

I have an excel assignment which I would like to seek some help. The excel contains a list of orders (indicated by order ID) of various products from a store and I'm supposed to provide an analysis. I have noticed that the table includes multiple rows of the same order ID but with different products.

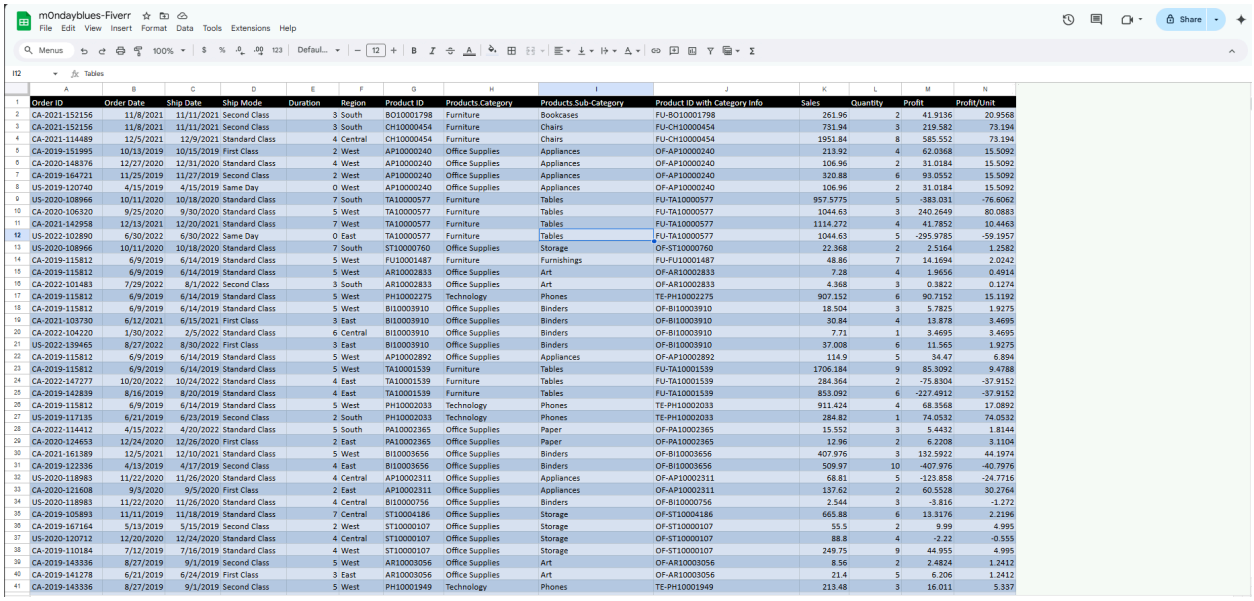
I have a hypothesis that I would like to recommend bundling products to encourage sales. I would like to find out what products are commonly bougtht with Copiers. In other words, I would like the table to only show Order IDs which have bought at least 1 Copier. It should also show the other products bought under these Order IDs. I tried "Group By" in Power Query but it did not work.

May I know how much would it cost for your coaching on this? I would prefer a step by step guide in a word/ppt document with screenshots.

Thank you.

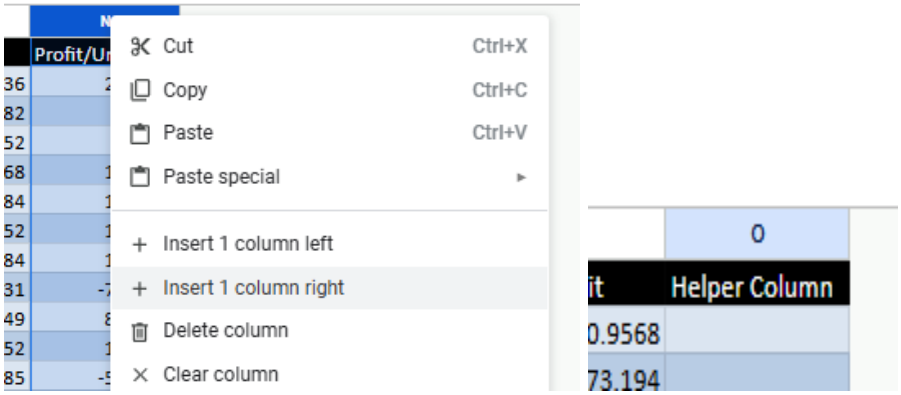
STEPS:

1.Open the file

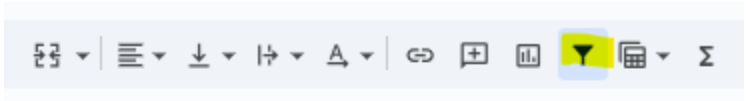


Order ID	Order Date	Ship Date	Ship Mode	Duration	Region	Product ID	Products Category	Products Sub-Category	Product ID with Category Info	Sales	Quantity	Profit	Profit/Unit
CA-2021-152156	11/8/2021	11/11/2021	Second Class	3	South	BO10001798	Furniture	Bookcases	FU-BO10001798	261.96	2	41.9136	20.9568
CA-2021-152156	11/8/2021	11/11/2021	Second Class	3	South	CH10000454	Furniture	Chairs	FU-CH10000454	731.94	3	219.582	73.194
CA-2021-114489	12/5/2021	12/9/2021	Standard Class	4	Central	CH10000454	Furniture	Chairs	FU-CH10000454	1951.84	8	585.552	73.194
CA-2019-151995	10/13/2019	10/15/2019	First Class	2	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	213.92	4	62.0368	15.5092
CA-2020-148376	12/27/2020	12/31/2020	Standard Class	4	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	106.96	2	31.0184	15.5092
CA-2019-164721	11/25/2019	11/27/2019	Second Class	2	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	320.88	6	93.0552	15.5092
US-2019-120740	4/15/2019	4/15/2019	Same Day	0	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	106.96	2	31.0184	15.5092
US-2020-108966	10/11/2020	10/18/2020	Standard Class	7	South	TA10000577	Furniture	Tables	FU-TA10000577	957.5775	5	-383.031	-76.6062
CA-2020-106320	9/25/2020	9/30/2020	Standard Class	5	West	TA10000577	Furniture	Tables	FU-TA10000577	1044.63	3	240.2649	80.0883
CA-2021-142958	12/13/2021	12/20/2021	Standard Class	7	West	TA10000577	Furniture	Tables	FU-TA10000577	1114.272	4	41.7852	10.4463
US-2022-102890	6/30/2022	6/30/2022	Same Day	0	East	TA10000577	Furniture	Tables	FU-TA10000577	1044.63	5	-295.9785	-59.1957
US-2020-108966	10/11/2020	10/18/2020	Standard Class	7	South	ST10000760	Office Supplies	Storage	OF-ST10000760	22.368	2	2.5164	1.2582
CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	FU10001487	Furniture	Furnishings	FU-FU10001487	48.86	7	14.1694	2.0242
CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	AR10002833	Office Supplies	Art	OF-AR10002833	7.28	4	1.9656	0.4914
CA-2022-101483	7/29/2022	8/1/2022	Second Class	3	South	AR10002833	Office Supplies	Art	OF-AR10002833	4.368	3	0.3822	0.1274
CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	PH10002275	Technology	Phones	TE-PH10002275	907.152	6	90.7152	15.1192
CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	BI10003910	Office Supplies	Binders	OF-BI10003910	18.504	3	5.7825	1.9275
CA-2021-103730	6/12/2021	6/15/2021	First Class	3	East	BI10003910	Office Supplies	Binders	OF-BI10003910	30.84	4	13.878	3.4695
CA-2022-104220	1/30/2022	2/5/2022	Standard Class	6	Central	BI10003910	Office Supplies	Binders	OF-BI10003910	7.71	1	3.4695	3.4695
US-2022-139465	8/27/2022	8/30/2022	First Class	3	East	BI10003910	Office Supplies	Binders	OF-BI10003910	37.008	6	11.565	1.9275
CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	AP10002892	Office Supplies	Appliances	OF-AP10002892	114.9	5	34.47	6.894
CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	TA10001539	Furniture	Tables	FU-TA10001539	1706.184	9	85.3092	9.4788
CA-2022-147277	10/20/2022	10/24/2022	Standard Class	4	East	TA10001539	Furniture	Tables	FU-TA10001539	284.364	2	-75.8304	-37.9152
CA-2019-142839	8/16/2019	8/20/2019	Standard Class	4	East	TA10001539	Furniture	Tables	FU-TA10001539	853.092	6	-227.4912	-37.9152
CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	PH10002033	Technology	Phones	TE-PH10002033	911.424	4	68.3568	17.0892
US-2019-117135	6/21/2019	6/23/2019	Second Class	2	South	PH10002033	Technology	Phones	TE-PH10002033	284.82	1	74.0532	74.0532
CA-2022-114412	4/15/2022	4/20/2022	Standard Class	5	South	PA10002365	Office Supplies	Paper	OF-PA10002365	15.552	3	5.4432	1.8144
CA-2020-124653	12/24/2020	12/26/2020	First Class	2	East	PA10002365	Office Supplies	Paper	OF-PA10002365	12.96	2	6.2208	3.1104
CA-2021-161389	12/5/2021	12/10/2021	Standard Class	5	West	BI10003656	Office Supplies	Binders	OF-BI10003656	407.976	3	132.5922	44.1974
CA-2019-122336	4/13/2019	4/17/2019	Second Class	4	East	BI10003656	Office Supplies	Binders	OF-BI10003656	509.97	10	-407.976	-40.7976
US-2020-118983	11/22/2020	11/26/2020	Standard Class	4	Central	AP10002311	Office Supplies	Appliances	OF-AP10002311	68.81	5	-123.858	-24.7716
CA-2020-121608	9/3/2020	9/5/2020	First Class	2	East	AP10002311	Office Supplies	Appliances	OF-AP10002311	137.62	2	60.5528	30.2764
US-2020-118983	11/22/2020	11/26/2020	Standard Class	4	Central	BI10000756	Office Supplies	Binders	OF-BI10000756	2.544	3	-3.816	-1.272
CA-2019-105893	11/11/2019	11/18/2019	Standard Class	7	Central	ST10004186	Office Supplies	Storage	OF-ST10004186	665.88	6	13.3176	2.2196
CA-2019-167164	5/13/2019	5/15/2019	Second Class	2	West	ST10000107	Office Supplies	Storage	OF-ST10000107	55.5	2	9.99	4.995
US-2020-120712	12/20/2020	12/24/2020	Standard Class	4	Central	ST10000107	Office Supplies	Storage	OF-ST10000107	88.8	4	-2.22	-0.555
CA-2019-110184	7/12/2019	7/16/2019	Standard Class	4	West	ST10000107	Office Supplies	Storage	OF-ST10000107	249.75	9	44.955	4.995
CA-2019-143336	8/27/2019	9/1/2019	Second Class	5	West	AR10003056	Office Supplies	Art	OF-AR10003056	8.56	2	2.4824	1.2412
CA-2019-141278	6/21/2019	6/24/2019	First Class	3	East	AR10003056	Office Supplies	Art	OF-AR10003056	21.4	5	6.206	1.2412
CA-2019-143336	8/27/2019	9/1/2019	Second Class	5	West	PH10001949	Technology	Phones	TE-PH10001949	213.48	3	16.011	5.337

2.Add a helper column

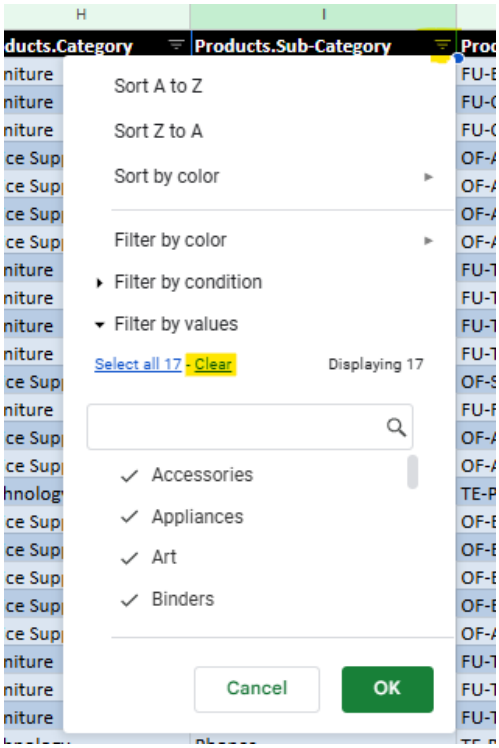


3. Create a filter, then toggle to Products.Sub-Category column
-This is where we can find “Copier”

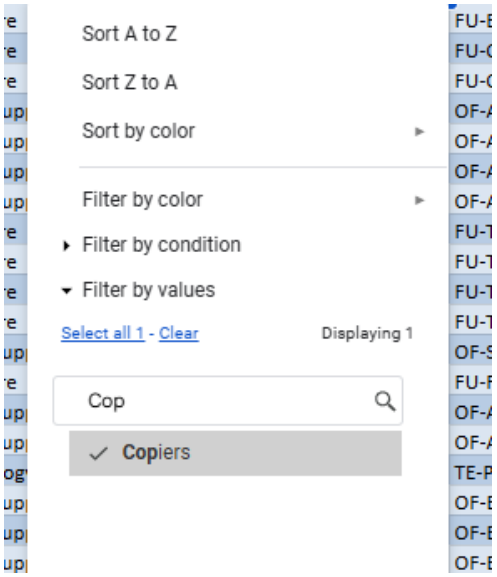


	I	J
	Products.Sub-Category	Product ID with Category Info
	Bookcases	FU-BO10001798
	Chairs	FU-CH10000454
	Chairs	FU-CH10000454
	Appliances	OF-AP10000240
	Appliances	OF-AP10000240
	Appliances	OF-AP10000240

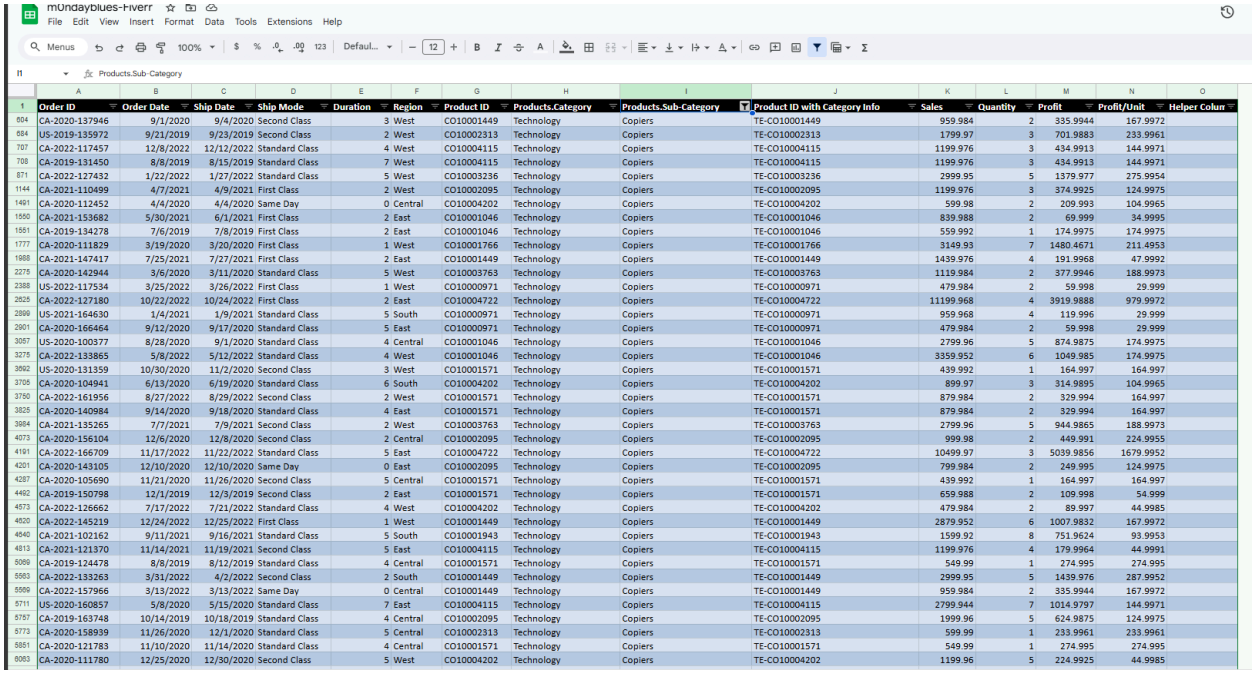
4. Filter, Select “Clear”



5. Type and select “Copiers”



We successfully filtered all “Copier” sales



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Order ID	Order Date	Ship Date	Ship Mode	Duration	Region	Product ID	Products.Category	Products.Sub-Category	Product ID with Category Info	Sales	Quantity	Profit	Profit/Unit	Helper Colum
604	CA-2020-137946	9/1/2020	9/4/2020	Second Class	3	West	CO10001449	Technology	Copiers	TE-CO10001449	959.984	2	335.9944	167.9972	
684	US-2019-135972	9/21/2019	9/23/2019	Second Class	2	West	CO10002313	Technology	Copiers	TE-CO10002313	1799.97	3	701.9883	233.9961	
707	CA-2022-117457	12/8/2022	12/12/2022	Standard Class	4	West	CO10004115	Technology	Copiers	TE-CO10004115	1199.976	3	434.9913	144.9971	
708	CA-2019-131450	8/8/2019	8/15/2019	Standard Class	7	West	CO10004115	Technology	Copiers	TE-CO10004115	1199.976	3	434.9913	144.9971	
871	CA-2022-127432	1/22/2022	1/27/2022	Standard Class	5	West	CO10003236	Technology	Copiers	TE-CO10003236	2999.95	5	1379.977	275.9954	
1144	CA-2021-110499	4/7/2021	4/9/2021	First Class	2	West	CO10002095	Technology	Copiers	TE-CO10002095	1199.976	3	374.9925	124.9975	
1491	CA-2020-112452	4/4/2020	4/4/2020	Same Day	0	Central	CO10004202	Technology	Copiers	TE-CO10004202	599.98	2	209.993	104.9965	
1550	CA-2021-153682	5/30/2021	6/1/2021	First Class	2	East	CO10001046	Technology	Copiers	TE-CO10001046	839.988	2	69.999	34.9995	
1551	CA-2019-134278	7/6/2019	7/8/2019	First Class	2	East	CO10001046	Technology	Copiers	TE-CO10001046	559.992	1	174.9975	174.9975	
1777	CA-2020-111829	3/19/2020	3/20/2020	First Class	1	West	CO10001766	Technology	Copiers	TE-CO10001766	3149.93	7	1480.4671	211.4953	
1988	CA-2021-147417	7/25/2021	7/27/2021	First Class	2	East	CO10001449	Technology	Copiers	TE-CO10001449	1439.976	4	191.9968	47.9992	
2275	CA-2020-142944	3/6/2020	3/11/2020	Standard Class	5	West	CO10003763	Technology	Copiers	TE-CO10003763	1119.984	2	377.9946	188.9973	
2388	US-2022-117534	3/25/2022	3/26/2022	First Class	1	West	CO10000971	Technology	Copiers	TE-CO10000971	479.984	2	59.998	29.999	
2625	CA-2022-127180	10/22/2022	10/24/2022	First Class	2	East	CO10004722	Technology	Copiers	TE-CO10004722	11199.968	4	3919.9888	979.9972	
2899	US-2021-164630	1/4/2021	1/9/2021	Standard Class	5	South	CO10000971	Technology	Copiers	TE-CO10000971	959.968	4	119.996	29.999	
2901	CA-2020-166464	9/12/2020	9/17/2020	Standard Class	5	East	CO10000971	Technology	Copiers	TE-CO10000971	479.984	2	59.998	29.999	
3057	US-2020-100377	8/28/2020	9/1/2020	Standard Class	4	Central	CO10001046	Technology	Copiers	TE-CO10001046	2799.96	5	874.9875	174.9975	
3275	CA-2022-133865	5/8/2022	5/12/2022	Standard Class	4	West	CO10001046	Technology	Copiers	TE-CO10001046	3359.952	6	1049.985	174.9975	
3692	US-2020-131359	10/30/2020	11/2/2020	Second Class	3	West	CO10001571	Technology	Copiers	TE-CO10001571	439.992	1	164.997	164.997	
3706	CA-2020-104941	6/13/2020	6/19/2020	Standard Class	6	South	CO10004202	Technology	Copiers	TE-CO10004202	899.97	3	314.9895	104.9965	
3750	CA-2022-161956	8/27/2022	8/29/2022	Second Class	2	West	CO10001571	Technology	Copiers	TE-CO10001571	879.984	2	329.994	164.997	
3825	CA-2020-140984	9/14/2020	9/18/2020	Standard Class	4	East	CO10001571	Technology	Copiers	TE-CO10001571	879.984	2	329.994	164.997	
3984	CA-2021-135265	7/7/2021	7/9/2021	Second Class	2	West	CO10003763	Technology	Copiers	TE-CO10003763	2799.96	5	944.9865	188.9973	
4073	CA-2020-156104	12/6/2020	12/8/2020	Second Class	2	Central	CO10002095	Technology	Copiers	TE-CO10002095	999.98	2	449.991	224.9955	
4191	CA-2022-166709	11/17/2022	11/22/2022	Standard Class	5	East	CO10004722	Technology	Copiers	TE-CO10004722	10499.97	3	5039.9856	1679.9952	
4201	CA-2020-143105	12/10/2020	12/10/2020	Same Day	0	East	CO10002095	Technology	Copiers	TE-CO10002095	799.984	2	249.995	124.9975	
4287	CA-2020-105690	11/21/2020	11/26/2020	Second Class	5	Central	CO10001571	Technology	Copiers	TE-CO10001571	439.992	1	164.997	164.997	
4462	CA-2019-150798	12/1/2019	12/3/2019	Second Class	2	East	CO10001571	Technology	Copiers	TE-CO10001571	659.988	2	109.998	54.999	
4573	CA-2022-126662	7/17/2022	7/21/2022	Standard Class	4	West	CO10004202	Technology	Copiers	TE-CO10004202	479.984	2	89.997	44.9985	
4620	CA-2022-145219	12/24/2022	12/25/2022	First Class	1	West	CO10001449	Technology	Copiers	TE-CO10001449	2879.952	6	1007.9832	167.9972	
4640	CA-2021-102162	9/11/2021	9/16/2021	Standard Class	5	South	CO10001943	Technology	Copiers	TE-CO10001943	1599.92	8	751.9624	93.9953	
4813	CA-2021-121370	11/14/2021	11/19/2021	Second Class	5	East	CO10004115	Technology	Copiers	TE-CO10004115	1199.976	4	179.9964	44.9991	
5069	CA-2019-124478	8/8/2019	8/12/2019	Standard Class	4	Central	CO10001571	Technology	Copiers	TE-CO10001571	549.99	1	274.995	274.995	
5563	CA-2022-133263	3/31/2022	4/2/2022	Second Class	2	South	CO10001449	Technology	Copiers	TE-CO10001449	2999.95	5	1439.976	287.9952	
5569	CA-2022-157966	3/13/2022	3/13/2022	Same Day	0	Central	CO10001449	Technology	Copiers	TE-CO10001449	959.984	2	335.9944	167.9972	
5711	US-2020-160857	5/8/2020	5/15/2020	Standard Class	7	East	CO10004115	Technology	Copiers	TE-CO10004115	2799.944	7	1014.9797	144.9971	
5757	CA-2019-163748	10/14/2019	10/18/2019	Standard Class	4	Central	CO10002095	Technology	Copiers	TE-CO10002095	1999.96	5	624.9875	124.9975	
5773	CA-2020-158939	11/26/2020	12/1/2020	Standard Class	5	Central	CO10002313	Technology	Copiers	TE-CO10002313	599.99	1	233.9961	233.9961	
5851	CA-2020-121783	11/10/2020	11/14/2020	Standard Class	4	Central	CO10001571	Technology	Copiers	TE-CO10001571	549.99	1	274.995	274.995	
6063	CA-2020-111780	12/25/2020	12/30/2020	Second Class	5	West	CO10004202	Technology	Copiers	TE-CO10004202	1199.96	5	224.9925	44.9985	

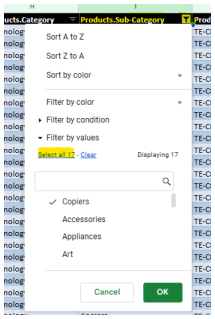
6. Go to “Helper Column” (the one we added earlier). Then type yes to all “Copier” filtered rows

	I	J	K	L	M	N	O
	Products.Sub-Category	Product ID with Category Info	Sales	Quantity	Profit	Profit/Unit	Helper Colum
	Copiers	TE-CO10001449	959.984	2	335.9944	167.997	Yes
	Copiers	TE-CO10002313	1799.97	3	701.9883	233.996	Yes
	Copiers	TE-CO10004115	1199.976	3	434.9913	144.997	Yes
	Copiers	TE-CO10004115	1199.976	3	434.9913	144.997	Yes
	Copiers	TE-CO10003236	2999.95	5	1379.977	275.995	Yes
	Copiers	TE-CO10002095	1199.976	3	374.9925	124.997	Yes
	Copiers	TE-CO10004202	599.98	2	209.993	104.996	Yes
	Copiers	TE-CO10001046	839.988	2	69.999	34.999	Yes
	Copiers	TE-CO10001046	559.992	1	174.9975	174.997	Yes
	Copiers	TE-CO10001766	3149.93	7	1480.4671	211.495	Yes
	Copiers	TE-CO10001449	1439.976	4	191.9968	47.999	Yes
	Copiers	TE-CO10003763	1119.984	2	377.9946	188.997	Yes
	Copiers	TE-CO10000971	479.984	2	59.998	29.99	Yes
	Copiers	TE-CO10004722	11199.968	4	3919.9888	979.997	Yes
	Copiers	TE-CO10000971	959.968	4	119.996	29.99	Yes
	Copiers	TE-CO10000971	479.984	2	59.998	29.99	Yes
	Copiers	TE-CO10001046	2799.96	5	874.9875	174.997	Yes
	Copiers	TE-CO10001046	3359.952	6	1049.985	174.997	Yes
	Copiers	TE-CO10001571	439.992	1	164.997	164.99	Yes
	Copiers	TE-CO10004202	899.97	3	314.9895	104.996	Yes
	Copiers	TE-CO10001571	879.984	2	329.994	164.99	Yes
	Copiers	TE-CO10001571	879.984	2	329.994	164.99	Yes
	Copiers	TE-CO10003763	2799.96	5	944.9865	188.997	Yes
	Copiers	TE-CO10002095	999.98	2	449.991	224.995	Yes
	Copiers	TE-CO10004722	10499.97	3	5039.9856	1679.995	Yes
	Copiers	TE-CO10002095	799.984	2	249.995	124.997	Yes
	Copiers	TE-CO10001571	439.992	1	164.997	164.99	Yes
	Copiers	TE-CO10001571	659.988	2	109.998	54.99	Yes
	Copiers	TE-CO10004202	479.984	2	89.997	44.998	Yes
	Copiers	TE-CO10001449	2879.952	6	1007.9832	167.997	Yes
	Copiers	TE-CO10001943	1599.92	8	751.9624	93.995	Yes
	Copiers	TE-CO10004115	1199.976	4	179.9964	44.999	Yes
	Copiers	TE-CO10001571	549.99	1	274.995	274.99	Yes
	Copiers	TE-CO10001449	2999.95	5	1439.976	287.995	Yes
	Copiers	TE-CO10001449	959.984	2	335.9944	167.997	Yes
	Copiers	TE-CO10004115	2799.944	7	1014.9797	144.997	Yes
	Copiers	TE-CO10002095	1999.96	5	624.9875	124.997	Yes
	Copiers	TE-CO10002313	599.99	1	233.9961	233.996	Yes
	Copiers	TE-CO10001571	549.99	1	274.995	274.99	Yes
	Copiers	TE-CO10004202	1199.96	5	224.9925	44.998	Yes

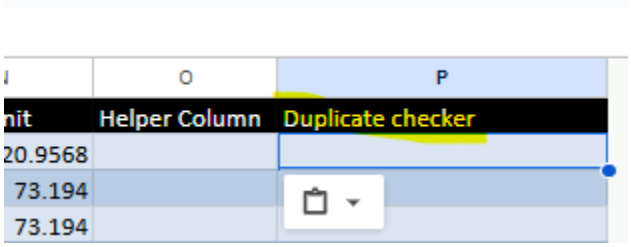
We successfully distinguish all of copier sales, the next step is to bundle in and group it per “Order ID”

7. Remove filter

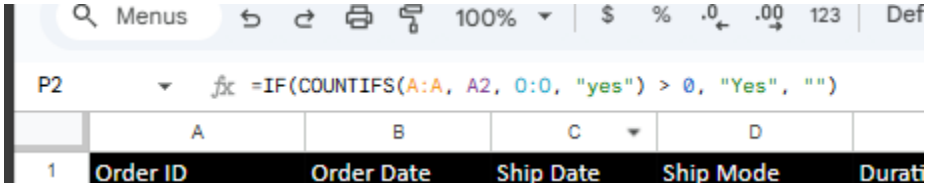
or



8. Then add another helper column, we name it as duplicate checker

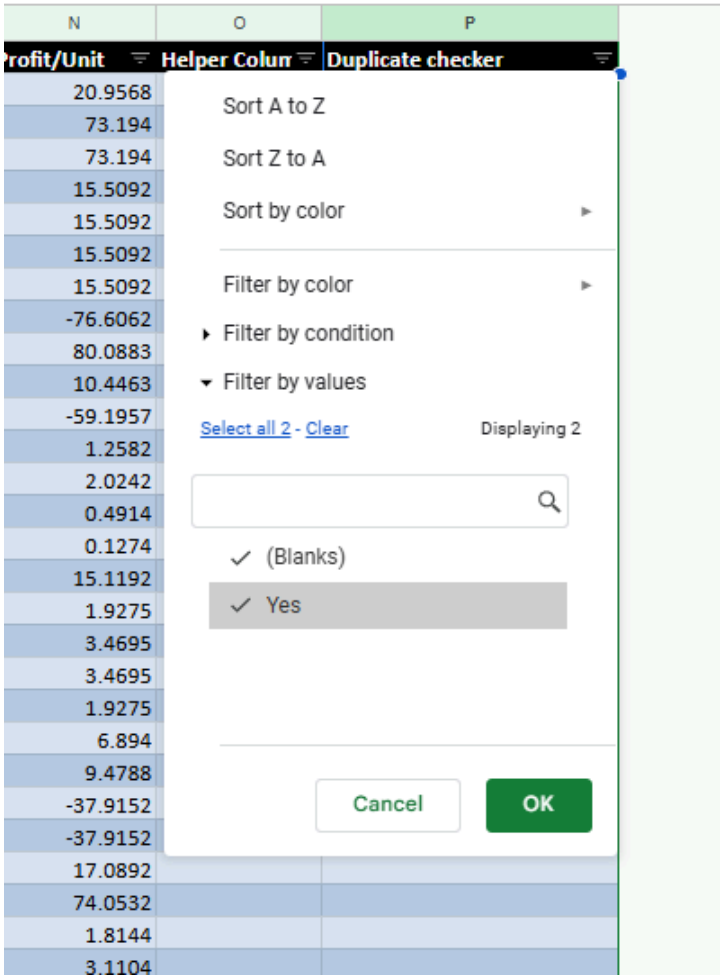


9. Then paste this formula and apply it to all rows on Duplicate checker correspondingly
=IF(COUNTIFS(A:A, A2, O:O, "yes") > 0, "Yes", "")



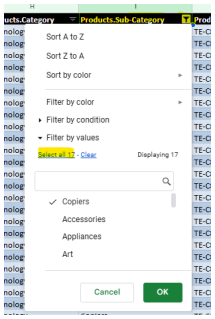
What the formula will do is, it will check Order ID’s that have “Copier” based on the helper column we added earlier

It should have “Yes” values (those are the ones that bought bundles)

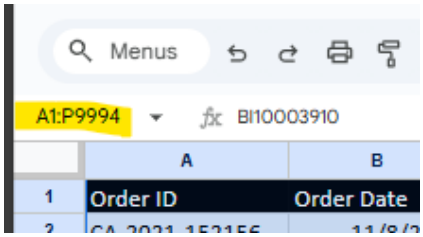


10. Remove filter

or

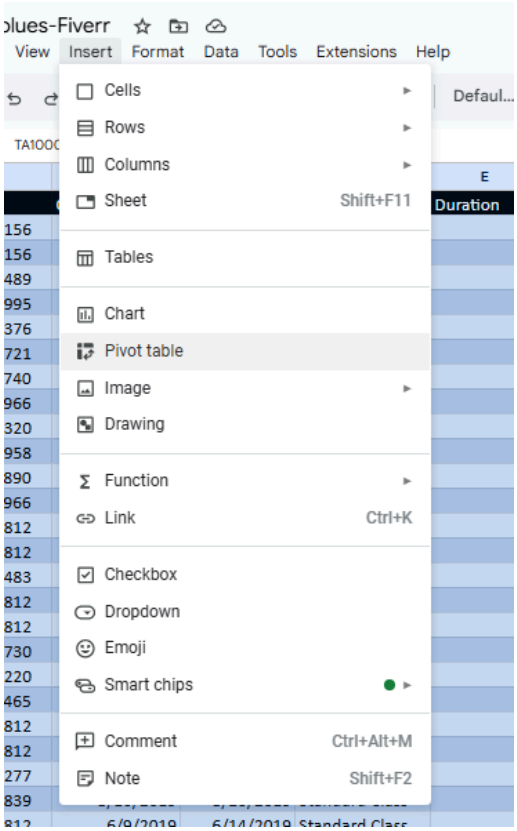


11. Then select all or press CTRL + A (make sure the range are correct)

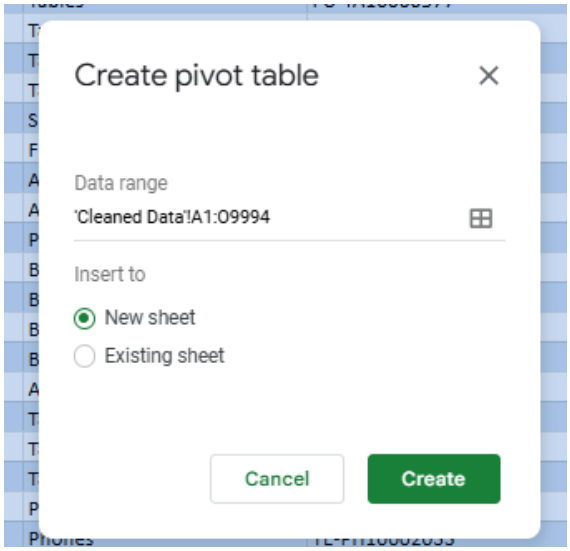


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Order ID	Order Date	Ship Date	Ship Mode	Duration	Region	Product ID	Products.Category	Products.Sub-Category	Product ID with Category Info	Sales	Quantity	Profit	Profit/Unit	Helper Column
2	CA-2021-152156	11/8/2021	11/11/2021	Second Class	3	South	BO10001798	Furniture	Bookcases	FU-BO10001798	261.96	2	41.9136	20.9568	
3	CA-2021-152156	11/8/2021	11/11/2021	Second Class	3	South	CH10000454	Furniture	Chairs	FU-CH10000454	731.94	3	219.582	73.194	
4	CA-2021-114489	12/5/2021	12/9/2021	Standard Class	4	Central	CH10000454	Furniture	Chairs	FU-CH10000454	1951.84	8	585.552	73.194	
5	CA-2019-151995	10/13/2019	10/15/2019	First Class	2	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	213.92	4	62.0368	15.5092	
6	CA-2020-148376	12/27/2020	12/31/2020	Standard Class	4	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	106.96	2	31.0184	15.5092	
7	CA-2019-164721	11/25/2019	11/27/2019	Second Class	2	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	320.88	6	93.0552	15.5092	
8	US-2019-120740	4/15/2019	4/15/2019	Same Day	0	West	AP10000240	Office Supplies	Appliances	OF-AP10000240	106.96	2	31.0184	15.5092	
9	US-2020-108966	10/11/2020	10/18/2020	Standard Class	7	South	TA10000577	Furniture	Tables	FU-TA10000577	957.5775	5	-383.031	-76.6062	
10	CA-2020-106320	9/25/2020	9/30/2020	Standard Class	5	West	TA10000577	Furniture	Tables	FU-TA10000577	1044.63	3	240.2649	80.0883	
11	CA-2021-142958	12/13/2021	12/20/2021	Standard Class	7	West	TA10000577	Furniture	Tables	FU-TA10000577	1114.272	4	41.7852	10.4463	
12	US-2022-102890	6/30/2022	6/30/2022	Same Day	0	East	TA10000577	Furniture	Tables	FU-TA10000577	1044.63	5	-295.9785	-59.1957	
13	US-2020-108966	10/11/2020	10/18/2020	Standard Class	7	South	ST10000760	Office Supplies	Storage	OF-ST10000760	22.368	2	2.5164	1.2582	
14	CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	FU10001487	Furniture	Furnishings	FU-FU10001487	48.86	7	14.1694	2.0242	
15	CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	AR10002833	Office Supplies	Art	OF-AR10002833	7.28	4	1.9656	0.4914	
16	CA-2022-101483	7/29/2022	8/1/2022	Second Class	3	South	AR10002833	Office Supplies	Art	OF-AR10002833	4.368	3	0.3822	0.1274	
17	CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	PH10002275	Technology	Phones	TE-PH10002275	907.152	6	90.7152	15.1192	
18	CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	BI10003910	Office Supplies	Binders	OF-BI10003910	18.504	3	5.7825	1.9275	
19	CA-2021-103730	6/12/2021	6/15/2021	First Class	3	East	BI10003910	Office Supplies	Binders	OF-BI10003910	30.84	4	13.878	3.4695	
20	CA-2022-104220	1/30/2022	2/5/2022	Standard Class	6	Central	BI10003910	Office Supplies	Binders	OF-BI10003910	7.71	1	3.4695	3.4695	
21	US-2022-139465	8/27/2022	8/30/2022	First Class	3	East	BI10003910	Office Supplies	Binders	OF-BI10003910	37.008	6	11.565	1.9275	
22	CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	AP10002892	Office Supplies	Appliances	OF-AP10002892	114.9	5	34.47	6.894	
23	CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	TA10001539	Furniture	Tables	FU-TA10001539	1706.184	9	85.3092	9.4788	
24	CA-2022-147277	10/20/2022	10/24/2022	Standard Class	4	East	TA10001539	Furniture	Tables	FU-TA10001539	284.364	2	-75.8304	-37.9152	
25	CA-2019-142839	8/16/2019	8/20/2019	Standard Class	4	East	TA10001539	Furniture	Tables	FU-TA10001539	853.092	6	-227.4912	-37.9152	
26	CA-2019-115812	6/9/2019	6/14/2019	Standard Class	5	West	PH10002033	Technology	Phones	TE-PH10002033	911.424	4	68.3568	17.0892	
27	US-2019-117135	6/21/2019	6/23/2019	Second Class	2	South	PH10002033	Technology	Phones	TE-PH10002033	284.82	1	74.0532	74.0532	
28	CA-2022-114412	4/15/2022	4/20/2022	Standard Class	5	South	PA10002365	Office Supplies	Paper	OF-PA10002365	15.552	3	5.4432	1.8144	
29	CA-2020-124653	12/24/2020	12/26/2020	First Class	2	East	PA10002365	Office Supplies	Paper	OF-PA10002365	12.96	2	6.2208	3.1104	
30	CA-2021-161389	12/5/2021	12/10/2021	Standard Class	5	West	BI10003656	Office Supplies	Binders	OF-BI10003656	407.976	3	132.5922	44.1974	
31	CA-2019-122336	4/13/2019	4/17/2019	Second Class	4	East	BI10003656	Office Supplies	Binders	OF-BI10003656	509.97	10	-407.976	-40.7976	
32	US-2020-118983	11/22/2020	11/26/2020	Standard Class	4	Central	AP10002311	Office Supplies	Appliances	OF-AP10002311	68.81	5	-123.858	-24.7716	
33	CA-2020-121608	9/3/2020	9/5/2020	First Class	2	East	AP10002311	Office Supplies	Appliances	OF-AP10002311	137.62	2	60.5528	30.2764	
34	US-2020-118983	11/22/2020	11/26/2020	Standard Class	4	Central	BI10000756	Office Supplies	Binders	OF-BI10000756	2.544	3	-3.816	-1.272	
35	CA-2019-105893	11/11/2019	11/18/2019	Standard Class	7	Central	ST10004186	Office Supplies	Storage	OF-ST10004186	665.88	6	13.3176	2.2196	
36	CA-2019-167164	5/13/2019	5/15/2019	Second Class	2	West	ST10000107	Office Supplies	Storage	OF-ST10000107	55.5	2	9.99	4.995	
37	US-2020-120712	12/20/2020	12/24/2020	Standard Class	4	Central	ST10000107	Office Supplies	Storage	OF-ST10000107	88.8	4	-2.22	-0.555	
38	CA-2019-110184	7/12/2019	7/16/2019	Standard Class	4	West	ST10000107	Office Supplies	Storage	OF-ST10000107	249.75	9	44.955	4.995	
39	CA-2019-143336	8/27/2019	9/1/2019	Second Class	5	West	AR10003056	Office Supplies	Art	OF-AR10003056	8.56	2	2.4824	1.2412	
40	CA-2019-141278	6/21/2019	6/24/2019	First Class	3	East	AR10003056	Office Supplies	Art	OF-AR10003056	21.4	5	6.206	1.2412	
41	CA-2019-143336	8/27/2019	9/1/2019	Second Class	5	West	PH10001949	Technology	Phones	TE-PH10001949	213.48	3	16.011	5.337	

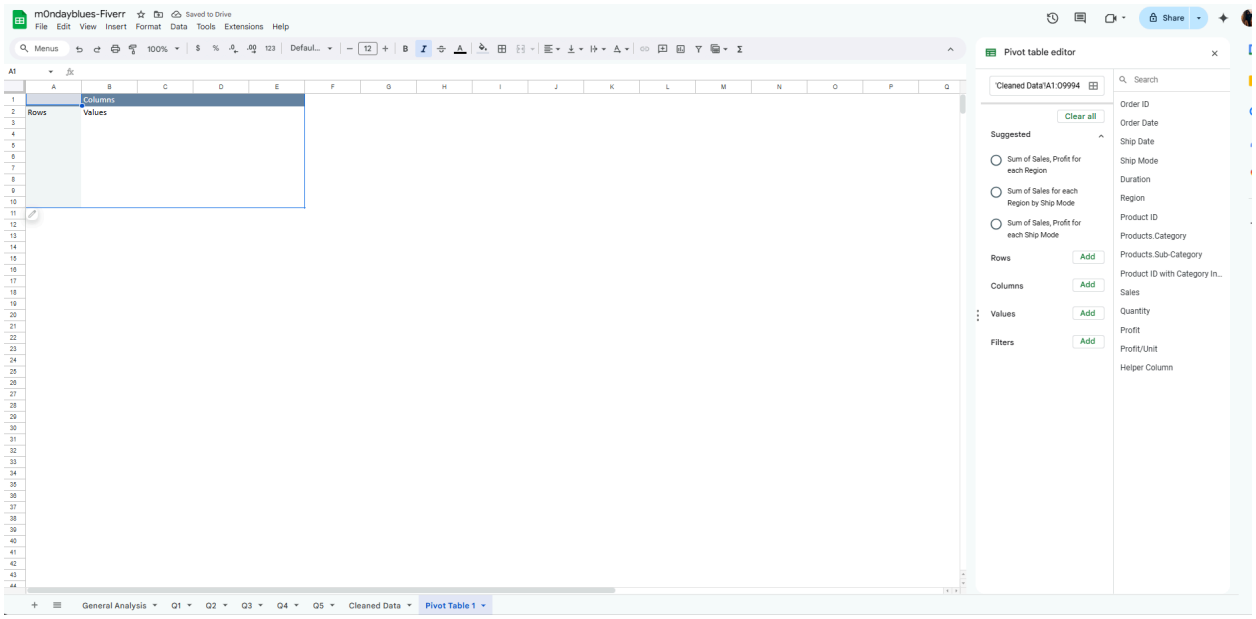
12.then click insert > Pivot table (you can just search pivot table on excel search bar)



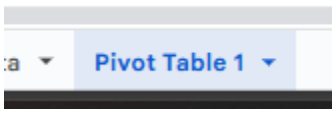
10. Validate the range and select “New sheet”



We successfully created a blank pivot table

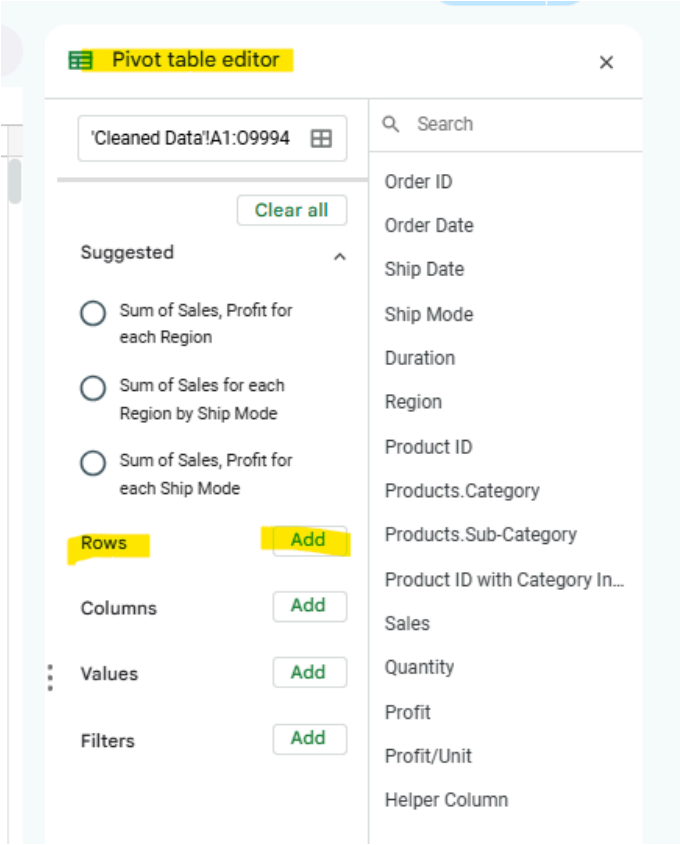


This pivot table sheet tab will automatically get created.

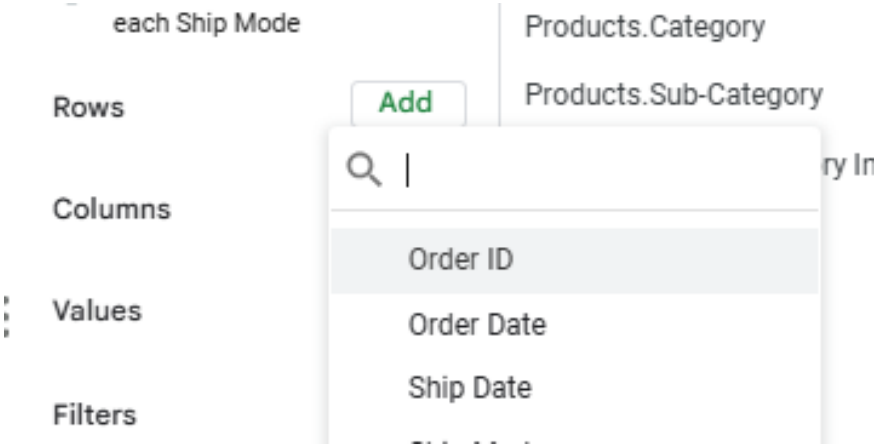


-Next step is to, select correct data for our pivot table
-For the rows we need the Order ID

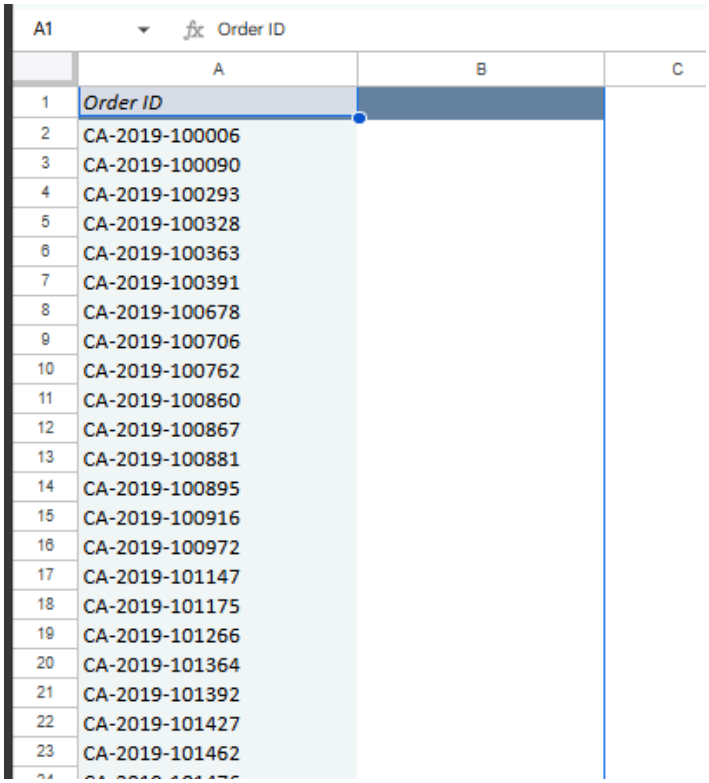
13. On the pivot table editor, click add button beside rows (on the excel counterpart, you should drag the “Order ID” column header to the rows tab)



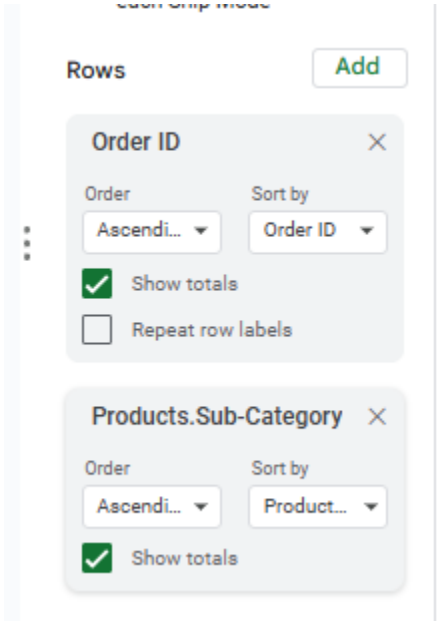
12. Then select “Order ID”



The pivot table should reflect Order ID’s on the Column A rows



14. Then we will add more row for “Products.Sub-Category”

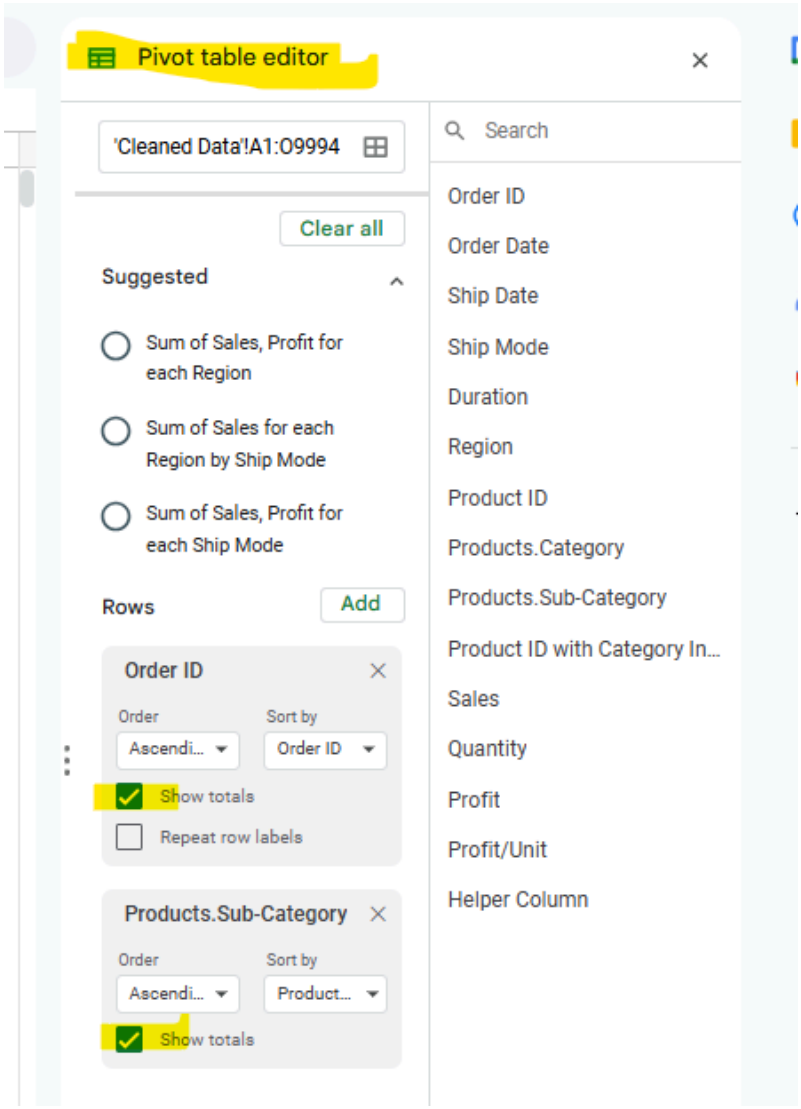


The pivot table should look like this by now

A1 fx Order ID

	A	B	C
1	*Order ID*	*Products.Sub-Category*	
2	CA-2019-100006	Phones	
3	CA-2019-100006 Total		
4	CA-2019-100090	Binders	
5		Tables	
6	CA-2019-100090 Total		
7	CA-2019-100293	Paper	
8	CA-2019-100293 Total		
9	CA-2019-100328	Binders	
10	CA-2019-100328 Total		
11	CA-2019-100363	Fasteners	
12		Paper	
13	CA-2019-100363 Total		
14	CA-2019-100391	Paper	
15	CA-2019-100391 Total		
16	CA-2019-100678	Accessories	
17		Art	
18		Chairs	
19		Envelopes	
20	CA-2019-100678 Total		
21	CA-2019-100706	Accessories	
22		Furnishings	

15. To make it look clean we need to remove totals by unticking the checkbox below on column headers on the Pivot table editor

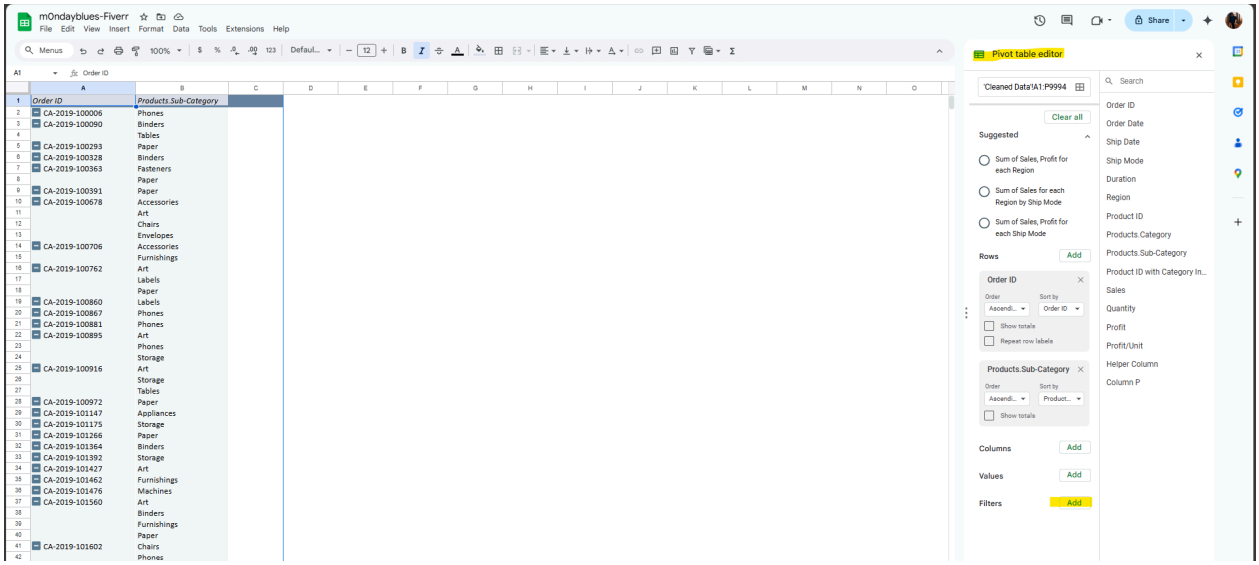


Then the pivot table should look like it

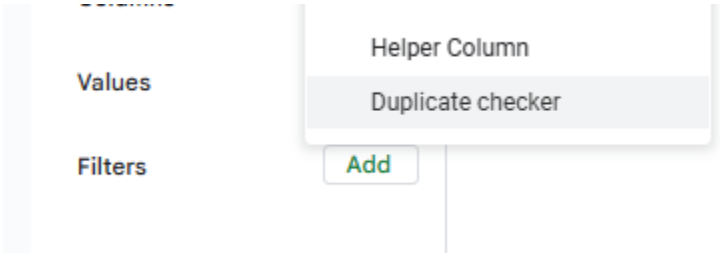
	A	B	C
1	*Order ID*	*Products.Sub-Category*	
2	CA-2019-100006	Phones	
3	CA-2019-100090	Binders	
4		Tables	
5	CA-2019-100293	Paper	
6	CA-2019-100328	Binders	
7	CA-2019-100363	Fasteners	
8		Paper	
9	CA-2019-100391	Paper	
10	CA-2019-100678	Accessories	
11		Art	
12		Chairs	
13		Envelopes	
14	CA-2019-100706	Accessories	
15		Furnishings	
16	CA-2019-100762	Art	
17		Labels	
18		Paper	
19	CA-2019-100860	Labels	
20	CA-2019-100867	Phones	
21	CA-2019-100881	Phones	
22	CA-2019-100895	Art	
23		Phones	
24		Storage	
25	CA-2019-100916	Art	

- The pivot table is not filtered yet, so it include the whole dataset

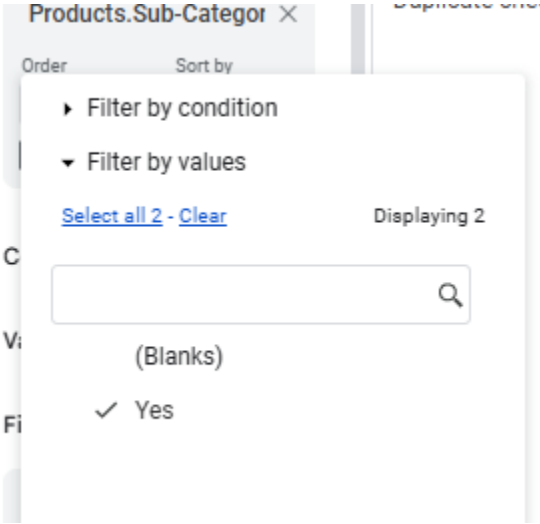
16. Then we add filter to our pivot table, got to pivot table editor then select add beside the filter



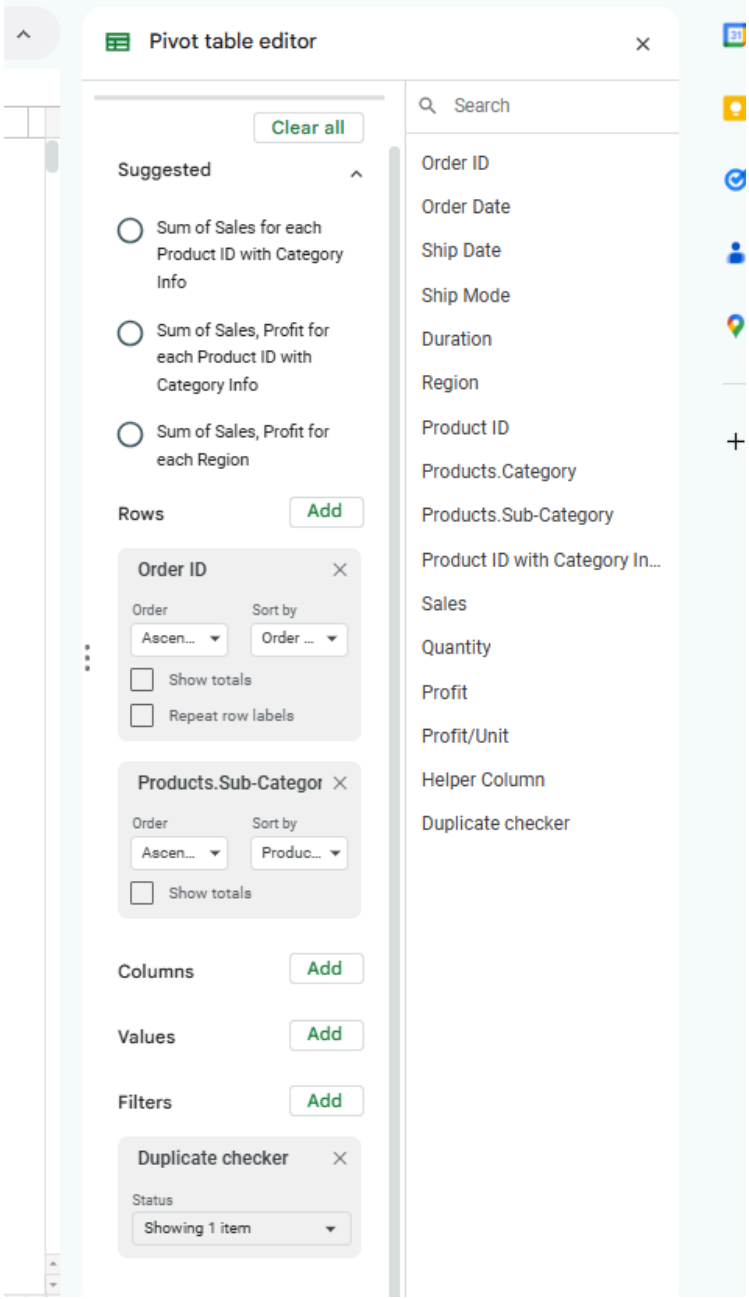
17. Select Duplicate checker



18 filter to only show those that are tagged as “Yes”



The final pivot table editor should look like this



RESULTS:

We can now successfully view Order ID of those that have bought “Copier” along with the other products they bought with it.

Take note: Pivot tables are dynamic so once you edit the dataset, it will reflect. (You can either copy and paste it to another sheet tab as values only to make it static)

Order ID	*Products.Sub-Category*
CA-2019-116666	Copiers
CA-2019-124478	Appliances
	Copiers
	Envelopes
	Furnishings
	Phones
CA-2019-124618	Copiers
CA-2019-131450	Appliances
	Copiers
	Furnishings
	Phones
CA-2019-134278	Copiers
CA-2019-138128	Copiers
	Envelopes
CA-2019-140473	Copiers
CA-2019-150798	Chairs
	Copiers
	Furnishings
	Paper
CA-2019-163748	Appliances
	Copiers
CA-2020-104941	Art
	Binders
	Copiers
	Paper
CA-2020-105690	Bookcases
	Copiers
	Labels
CA-2020-109190	Binders
	Copiers
	Paper
CA-2020-111780	Copiers
	Paper
CA-2020-111829	Copiers
	Paper
	Storage
CA-2020-112452	Appliances
	Binders
	Copiers
	Fasteners
	Phones