

1. Tabel Berdasarkan Data Tahunan

Trend Penjualan (2)												
Year of..	Order Date											
	January	February	March	April	May	June	July	August	Septemb..	October	November	Decem
2012	Differ..	4,819	32,028	-21,413	43,895	49,343	-89,137	89,628	76,524	-68,473	77,833	25,
	Sales	98,898	103,718	135,746	114,333	158,228	207,572	118,435	208,063	284,588	216,115	293,947
2013	Differ..	-38,581	64,222	-2,025	47,313	47,811	-110,939	157,906	-13,754	-36,449	70,573	14,
	Sales	137,436	98,855	163,077	161,052	208,365	256,176	145,237	303,143	289,389	252,940	323,512
2014	Differ..	-31,946	31,354	-20,773	82,677	136,021	-166,591	96,560	50,130	-83,213	80,583	31,
	Sales	199,186	167,240	198,594	177,821	260,499	396,520	229,929	326,489	376,619	293,407	373,989
2015	Differ..	-56,431	78,263	-20,329	45,629	113,413	-143,108	197,914	24,537	-58,391	132,512	-52,
	Sales	241,269	184,837	263,101	242,772	288,401	401,814	258,706	456,620	481,157	422,767	555,279

2. Data Profit Dari Setiap Category.

Trend Penjualan (2)												
		Order Date										
Month of ..	Category	2012	2013	2014	2015							
		Differ..	Sales	Differ..	Sales	Differ..	Sales	Differ..	Sales	Differ..	Sales	
January	Furniture		34,464	-75,091	42,761	-52,391	81,805	-64,526	69,799			
	Office Supplies	-937	33,527	4,503	47,264	-16,821	64,984	6,854	76,654			
	Technology	-2,619	30,908	146	47,411	-12,586	52,398	18,161	94,815			
February	Furniture	4,891	35,799	-9,775	37,635	6,720	59,118	-37,112	57,703			
	Office Supplies	-9,664	26,135	-13,338	24,297	-7,565	51,553	-2,519	55,184			
	Technology	15,648	41,784	12,625	36,922	5,016	56,569	16,766	71,951			
March	Furniture	-1,506	40,277	18,160	55,082	8,754	65,323	17,755	89,705			
	Office Supplies	-8,699	31,579	-1,361	53,721	-3,315	62,008	-12,129	77,576			
	Technology	32,312	63,891	552	54,273	9,255	71,263	18,243	95,819			
April	Furniture	-33,201	30,690	429	54,702	-16,676	54,587	-25,268	70,551			
	Office Supplies	14,873	45,563	-10,816	43,886	1,179	55,766	10,821	81,372			
	Technology	-7,482	38,081	18,578	62,464	11,703	67,469	9,477	90,849			
May	Furniture	11,688	49,769	475	62,939	6,902	74,371	7,463	98,312			
	Office Supplies	-37	49,731	-1,876	61,063	385	74,756	-337	97,975			
	Technology	8,997	58,728	23,299	84,363	36,616	111,372	-5,861	92,114			
June	Furniture	17,856	76,585	-2,882	81,481	3,879	115,251	44,009	136,123			
	Office Supplies	-14,792	61,793	-5,635	75,846	-3,762	111,489	-15,783	120,340			
	Technology	7,401	69,194	23,003	98,849	58,292	169,780	25,011	145,351			
July	Furniture	-37,811	31,383	-57,358	41,491	-97,927	71,854	-63,007	82,344			
	Office Supplies	11,424	42,807	4,855	46,346	-1,563	70,291	-5,373	76,971			
	Technology	1,439	44,745	11,053	57,399	17,493	87,784	22,419	99,390			

3. Dari Hasil Visualisasi Dibawah, Kolom yang berwarna Orange memiliki Profit Terendah

Trend Penjualan (2)												
		Order Date										
Month of ..	Category	2012	2013	2014	2015							
		Differ..	Sales	Differ..	Sales	Differ..	Sales	Differ..	Sales	Differ..	Sales	
January	Furniture		34,464	42,761	81,805				69,799			
	Office Supplies	-937	33,527	4,503	47,264	-16,821	64,984	6,854	76,654			
	Technology	-2,619	30,908	146	47,411	-12,586	52,398	18,161	94,815			
February	Furniture	4,891	35,799	-9,775	37,635	6,720	59,118	-37,112	57,703			
	Office Supplies	-9,664	26,135	-13,338	24,297	-7,565	51,553	-2,519	55,184			
	Technology	15,648	41,784	12,625	36,922	5,016	56,569	16,766	71,951			
March	Furniture	-1,506	40,277	18,160	55,082	8,754	65,323	17,755	89,705			
	Office Supplies	-8,699	31,579	-1,361	53,721	-3,315	62,008	-12,129	77,576			
	Technology	32,312	63,891	552	54,273	9,255	71,263	18,243	95,819			
April	Furniture	-33,201	30,690	429	54,702	-16,676	54,587	-25,268	70,551			
	Office Supplies	14,873	45,563	-10,816	43,886	1,179	55,766	10,821	81,372			
	Technology	-7,482	38,081	18,578	62,464	11,703	67,469	9,477	90,849			
May	Furniture	11,688	49,769	475	62,939	6,902	74,371	7,463	98,312			
	Office Supplies	-37	49,731	-1,876	61,063	385	74,756	-337	97,975			
	Technology	8,997	58,728	23,299	84,363	36,616	111,372	-5,861	92,114			
June	Furniture	17,856	76,585	-2,882	81,481	3,879	115,251	44,009	136,123			
	Office Supplies	-14,792	61,793	-5,635	75,846	-3,762	111,489	-15,783	120,340			
	Technology	7,401	69,194	23,003	98,849	58,292	169,780	25,011	145,351			
July	Furniture	-37,811	31,383	-57,358	41,491	-97,927	71,854	-63,007	82,344			
	Office Supplies	11,424	42,807	4,855	46,346	-1,563	70,291	-5,373	76,971			

August	Furniture	23,755	68,000	27,245	84,644	24,512	112,296	26,894	126,284			
	Office Supplies	-9,611	58,390	12,615	97,260	-19,146	93,150	29,147	155,431			
	Technology	23,283	81,673	23,979	121,239	27,893	121,043	19,475	174,905			
September	Furniture	12,261	93,934	-25,073	96,166	6,658	127,701	871	175,777			
	Office Supplies	6,053	99,987	-17,321	78,844	-16,939	110,762	-41,390	134,387			
	Technology	-9,320	90,667	35,535	114,379	27,395	138,157	36,608	170,994			
October	Furniture	-11,573	79,094	-29,555	84,824	-48,838	89,319	-40,293	130,701			
	Office Supplies	-23,394	55,700	-25,441	59,383	-11,926	77,393	-14,930	115,771			
	Technology	25,620	81,320	49,350	108,733	49,302	126,695	60,524	176,295			
November	Furniture	15,238	96,558	11,546	120,279	-3,893	122,803	-7,446	168,849			
	Office Supplies	-8,478	88,080	-20,259	100,020	-12,067	110,736	-4,997	163,851			
	Technology	21,229	109,309	3,194	103,214	29,715	140,451	58,728	222,579			
December	Furniture	10,222	119,531	-6,397	96,817	2,752	143,203	-50,811	171,768			
	Office Supplies	-37,107	82,424	10,428	107,244	-15,277	127,926	-21,490	150,279			
	Technology	35,429	117,852	26,952	134,196	6,399	134,325	30,818	181,097			

4. Warna merah tua menunjukkan penjualan tertinggi, sedangkan warna yang lebih terang menunjukkan penjualan yang lebih rendah, Pada *Highlight Category* digunakan untuk menyoroti katerogi “Furniture”.

Month of ..	Category	Order Date							
		2012		2013		2014		2015	
		Differe..	Sales	Differe..	Sales	Differe..	Sales	Differe..	Sales
January	Furniture		34,464		42,761		81,805		69,799
	Office Supplies	-937	33,527	4,503	47,264	-16,821	64,984	6,854	76,654
	Technology	-2,619	30,908	146	47,411	-12,586	52,398	18,161	94,815
February	Furniture	4,891	35,799	-9,775	37,635	6,720	59,118	-37,112	57,703
	Office Supplies	-9,664	26,135	-13,338	24,297	-7,565	51,553	-2,519	55,184
	Technology	15,648	41,784	12,625	36,922	5,016	56,569	16,766	71,951
March	Furniture	-1,506	40,277	18,160	55,082	8,754	65,323	17,755	89,705
	Office Supplies	-8,699	31,579	-1,361	53,721	-3,315	62,008	-12,129	77,576
	Technology	32,312	63,891	552	54,273	9,255	71,263	18,243	95,819
April	Furniture	-33,201	30,690	429	54,702	-16,676	54,587	-25,268	70,551
	Office Supplies	14,873	45,563	-10,816	43,886	1,179	55,766	10,821	81,372
	Technology	-7,482	38,081	18,578	62,464	11,703	67,469	9,477	90,849
May	Furniture	11,688	49,769	475	62,939	6,902	74,371	7,463	98,312
	Office Supplies	-37	49,731	-1,876	61,063	385	74,756	-337	97,975
	Technology	8,997	58,728	23,299	84,363	36,616	111,372	-5,861	92,114
June	Furniture	17,856	76,585	-2,882	81,481	3,879	115,251	44,009	136,123
	Office Supplies	-14,792	61,793	-5,635	75,846	-3,762	111,489	-15,783	120,340
	Technology	7,401	69,194	23,003	98,849	58,292	169,780	25,011	145,351
July	Furniture	-37,811	31,383	-57,358	41,491	-97,927	71,854	-63,007	82,344
	Office Supplies	11,424	42,807	4,855	46,346	-1,563	70,291	-5,373	76,971
August	Furniture	23,755	68,000	27,245	84,644	24,512	112,296	26,894	126,284
	Office Supplies	-9,611	58,390	12,615	97,260	-19,146	93,150	29,147	155,431
	Technology	23,283	81,673	23,979	121,239	27,893	121,043	19,475	174,905
September	Furniture	12,261	93,934	-25,073	96,166	6,658	127,701	871	175,777
	Office Supplies	6,053	99,987	-17,321	78,844	-16,939	110,762	-41,390	134,387
	Technology	-9,320	90,667	35,535	114,379	27,395	138,157	36,608	170,994
October	Furniture	-11,573	79,094	-29,555	84,824	-48,838	89,319	-40,293	130,701
	Office Supplies	-23,394	55,700	-25,441	59,383	-11,926	77,393	-14,930	115,771
	Technology	25,620	81,320	49,350	108,733	49,302	126,695	60,524	176,295
November	Furniture	15,238	96,558	11,546	120,279	-3,893	122,803	-7,446	168,849
	Office Supplies	-8,478	88,080	-20,259	100,020	-12,067	110,736	-4,997	163,851
	Technology	21,229	109,309	3,194	103,214	29,715	140,451	58,728	222,579
December	Furniture	10,222	119,531	-6,397	96,817	2,752	143,203	-50,811	171,768
	Office Supplies	-37,107	82,424	10,428	107,244	-15,277	127,926	-21,490	150,279
	Technology	35,429	117,852	26,952	134,196	6,399	134,325	30,818	181,097

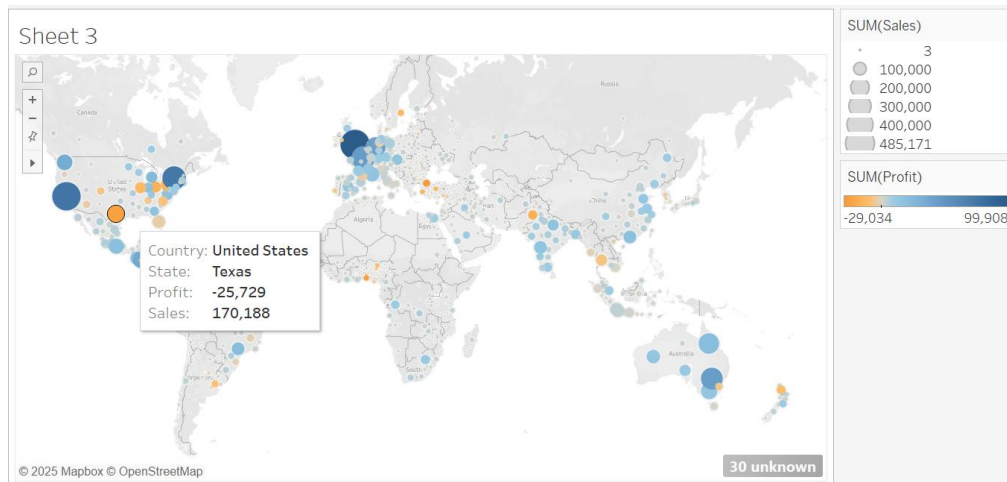
5. Visualisasi menunjukkan tren penjualan berdasarkan kategori produk “Office Supplies”. Warna merah tua menunjukkan penjualan tertinggi, sedangkan warna yang lebih terang menunjukkan penjualan yang lebih rendah.

Month of ..	Category	Order Date							
		2012		2013		2014		2015	
		Differe..	Sales	Differe..	Sales	Differe..	Sales	Differe..	Sales
January	Furniture		34,464		42,761		81,805		69,799
	Office Supplies	-937	33,527	4,503	47,264	-16,821	64,984	6,854	76,654
	Technology	-2,619	30,908	146	47,411	-12,586	52,398	18,161	94,815
February	Furniture	4,891	35,799	-9,775	37,635	6,720	59,118	-37,112	57,703
	Office Supplies	-9,664	26,135	-13,338	24,297	-7,565	51,553	-2,519	55,184
	Technology	15,648	41,784	12,625	36,922	5,016	56,569	16,766	71,951
March	Furniture	-1,506	40,277	18,160	55,082	8,754	65,323	17,755	89,705
	Office Supplies	-8,699	31,579	-1,361	53,721	-3,315	62,008	-12,129	77,576
	Technology	32,312	63,891	552	54,273	9,255	71,263	18,243	95,819
April	Furniture	-33,201	30,690	429	54,702	-16,676	54,587	-25,268	70,551
	Office Supplies	14,873	45,563	-10,816	43,886	1,179	55,766	10,821	81,372
	Technology	-7,482	38,081	18,578	62,464	11,703	67,469	9,477	90,849
May	Furniture	11,688	49,769	475	62,939	6,902	74,371	7,463	98,312
	Office Supplies	-37	49,731	-1,876	61,063	385	74,756	-337	97,975
	Technology	8,997	58,728	23,299	84,363	36,616	111,372	-5,861	92,114
June	Furniture	17,856	76,585	-2,882	81,481	3,879	115,251	44,009	136,123
	Office Supplies	-14,792	61,793	-5,635	75,846	-3,762	111,489	-15,783	120,340
	Technology	7,401	69,194	23,003	98,849	58,292	169,780	25,011	145,351
July	Furniture	-37,811	31,383	-57,358	41,491	-97,927	71,854	-63,007	82,344
	Office Supplies	11,424	42,807	4,855	46,346	-1,563	70,291	-5,373	76,971
August	Furniture	23,755	68,000	27,245	84,644	24,512	112,296	26,894	126,284
	Office Supplies	-9,611	58,390	12,615	97,260	-19,146	93,150	29,147	155,431
	Technology	23,283	81,673	23,979	121,239	27,893	121,043	19,475	174,905
September	Furniture	12,261	93,934	-25,073	96,166	6,658	127,701	871	175,777
	Office Supplies	6,053	99,987	-17,321	78,844	-16,939	110,762	-41,390	134,387
	Technology	-9,320	90,667	35,535	114,379	27,395	138,157	36,608	170,994
October	Furniture	-11,573	79,094	-29,555	84,824	-48,838	89,319	-40,293	130,701
	Office Supplies	-23,394	55,700	-25,441	59,383	-11,926	77,393	-14,930	115,771
	Technology	25,620	81,320	49,350	108,733	49,302	126,695	60,524	176,295
November	Furniture	15,238	96,558	11,546	120,279	-3,893	122,803	-7,446	168,849
	Office Supplies	-8,478	88,080	-20,259	100,020	-12,067	110,736	-4,997	163,851
	Technology	21,229	109,309	3,194	103,214	29,715	140,451	58,728	222,579
December	Furniture	10,222	119,531	-6,397	96,817	2,752	143,203	-50,811	171,768
	Office Supplies	-37,107	82,424	10,428	107,244	-15,277	127,926	-21,490	150,279
	Technology	35,429	117,852	26,952	134,196	6,399	134,325	30,818	181,097

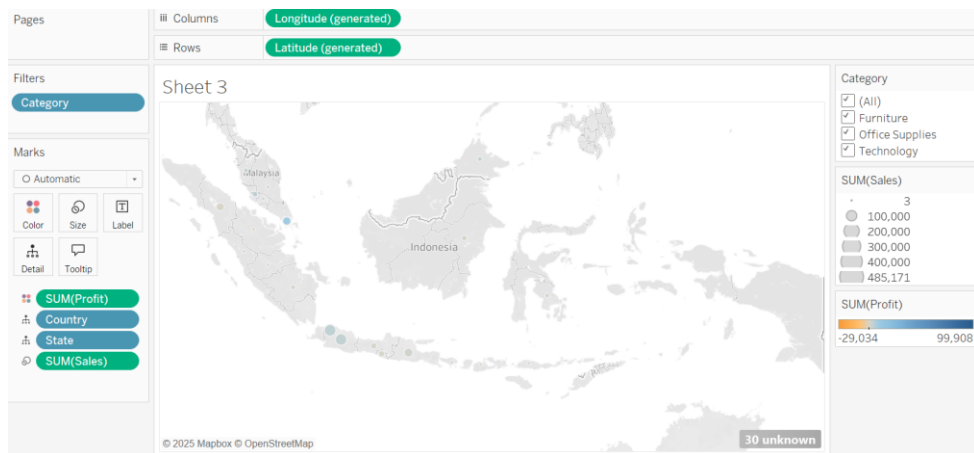
**6. Visualisasi menunjukkan tren penjualan berdasarkan kategori produk “Technology” .
Warna merah tua menunjukkan penjualan tertinggi, sedangkan warna yang lebih terang menunjukkan penjualan yang lebih rendah.**

Month of ..	Category	Order Date							
		2012		2013		2014		2015	
		Differe..	Sales	Differe..	Sales	Differe..	Sales	Differe..	Sales
January	Furniture		34,464		42,761		81,805		69,799
	Office Supplies	-937	33,527	4,503	47,264	-16,821	64,984	6,854	76,654
	Technology	-2,619	30,908	146	47,411	-12,586	52,398	18,161	94,815
February	Furniture	4,891	35,799	-9,775	37,635	6,720	59,118	-37,112	57,703
	Office Supplies	-9,664	26,135	-13,338	24,297	-7,565	51,553	-2,519	55,184
	Technology	15,648	41,784	12,625	36,922	5,016	56,569	16,766	71,951
March	Furniture	-1,506	40,277	18,160	55,082	8,754	65,323	17,755	89,705
	Office Supplies	-8,699	31,579	-1,361	53,721	-3,315	62,008	-12,129	77,576
	Technology	32,312	63,891	552	54,273	9,255	71,263	18,243	95,819
April	Furniture	-33,201	30,690	429	54,702	-16,676	54,587	-25,268	70,551
	Office Supplies	14,873	45,563	-10,816	43,886	1,179	55,766	10,821	81,372
	Technology	-7,482	38,081	18,578	62,464	11,703	67,469	9,477	90,849
May	Furniture	11,688	49,769	475	62,939	6,902	74,371	7,463	98,312
	Office Supplies	-37	49,731	-1,876	61,063	385	74,756	-337	97,975
	Technology	8,997	58,728	23,299	84,363	36,616	111,372	-5,861	92,114
June	Furniture	17,856	76,585	-2,882	81,481	3,879	115,251	44,009	136,123
	Office Supplies	-14,792	61,793	-5,635	75,846	-3,762	111,489	-15,783	120,340
	Technology	7,401	69,194	23,003	98,849	58,292	169,780	25,011	145,351
July	Furniture	-37,811	31,383	-57,358	41,491	-97,927	71,854	-63,007	82,344
	Office Supplies	11,424	42,807	4,855	46,346	-1,563	70,291	-5,373	76,971
	Technology								
August	Furniture	23,755	68,000	27,245	84,644	24,512	112,296	26,894	126,284
	Office Supplies	-9,611	58,390	12,615	97,260	-19,146	93,150	29,147	155,431
	Technology	23,283	81,673	23,979	121,239	27,893	121,043	19,475	174,905
September	Furniture	12,261	93,934	-25,073	96,166	6,658	127,701	871	175,777
	Office Supplies	6,053	99,987	-17,321	78,844	-16,939	110,762	-41,390	134,387
	Technology	-9,320	90,667	35,535	114,379	27,395	138,157	36,608	170,994
October	Furniture	-11,573	79,094	-29,555	84,824	-48,838	89,319	-40,293	130,701
	Office Supplies	-23,394	55,700	-25,441	59,383	-11,926	77,393	-14,930	115,771
	Technology	25,620	81,320	49,350	108,733	49,302	126,695	60,524	176,295
November	Furniture	15,238	96,558	11,546	120,279	-3,893	122,803	-7,446	168,849
	Office Supplies	-8,478	88,080	-20,259	100,020	-12,067	110,736	-4,997	163,851
	Technology	21,229	109,309	3,194	103,214	29,715	140,451	58,728	222,579
December	Furniture	10,222	119,531	-6,397	96,817	2,752	143,203	-50,811	171,768
	Office Supplies	-37,107	82,424	10,428	107,244	-15,277	127,926	-21,490	150,279
	Technology	35,429	117,852	26,952	134,196	6,399	134,325	30,818	181,097

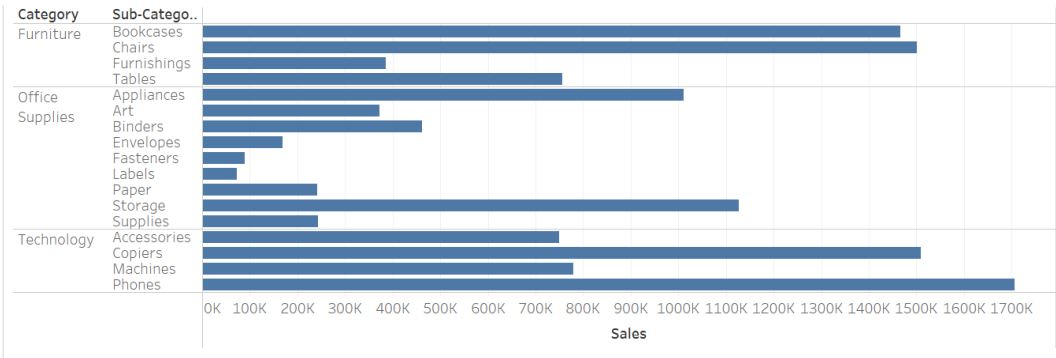
7. Visualisasi ini menunjukkan distribusi penjualan global. Ukuran dan warna titik mencerminkan volume penjualan dan profitabilitas, dengan biru untuk profit positif dan oranye untuk negatif. (Semakin besar titiknya maka semakin besar pula volume penjualannya)



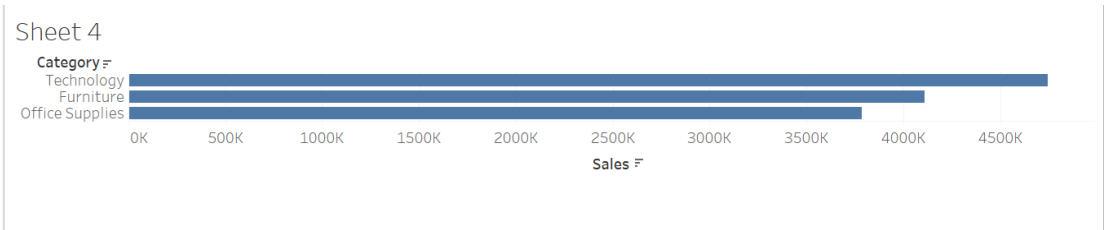
8. Visualisasi ini menampilkan peta profit global. Titik-titik berwarna menunjukkan lokasi penjualan, dengan biru untuk profit positif dan oranye untuk profit negatif. Ukuran titik mencerminkan besaran profit di setiap lokasi.



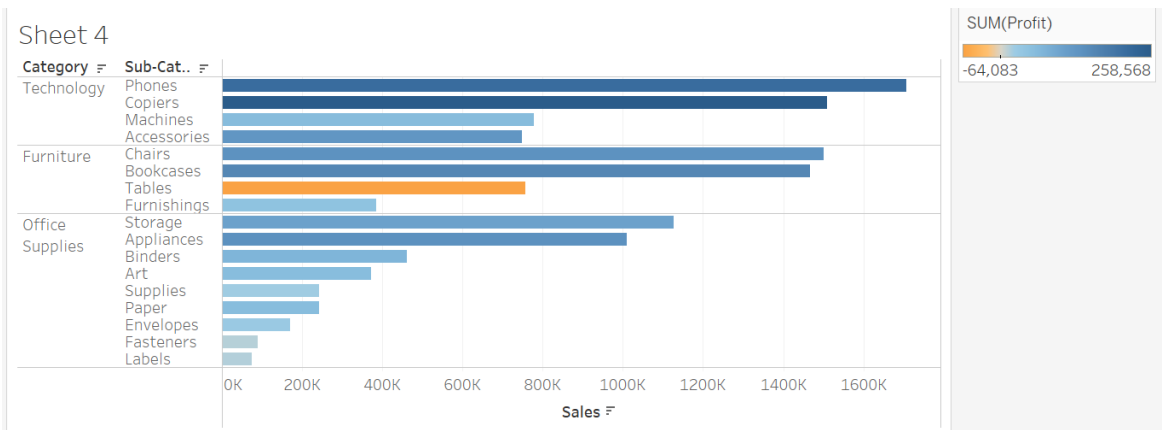
9. Visualisasi ini menunjukkan total penjualan berdasarkan kategori dan sub-kategori produk. Kategori Technology memiliki penjualan tertinggi, terutama pada Phones dan Machines. Furniture juga signifikan dengan Bookcases dan Tables, sementara Office Supplies memiliki distribusi lebih merata namun lebih rendah.



10. Dari Visualisasi Data tersebut menunjukan total penjualan category (Technology, Furniture, Office Supplies) Dari Visualisasi Tersebut dapat diambil kesimpulan bahwa Teknologi memiliki penjualan tertinggi, diikuti oleh Furniture, sementara Office Supplies memiliki penjualan terendah.



11. Visualisasi ini menunjukkan total penjualan dan profit berdasarkan kategori dan sub-kategori produk. Teknologi memiliki penjualan tertinggi, terutama pada Phones dan Copiers. Furniture dan Office Supplies memiliki distribusi penjualan yang lebih merata. Warna oranye menunjukkan profit negatif, seperti pada sub-kategori Tables di Furniture.



12. Visualisasi menampilkan penjualan dan profit berdasarkan “sub-category” dengan category utama yaitu : Technology, Furniture, dan Office Supplies. Panjangnya suatu diagram batang menggambarkan total penjualan. Warna Biru menggambarkan profit positif dan warna kuning menggambarkan profit negatiif

