



Tugas 1 - Benhard - Statistika - 20244920002

#### Dataset

Judul: Supermarket sales

Sumber: Kaggle

Isi: 1001 data (Row) dan 17 variable (Column)

Apa yang dianalisis?

Catatan sejarah data penjualan di 3 supermarket berbeda



### Isi Dataset

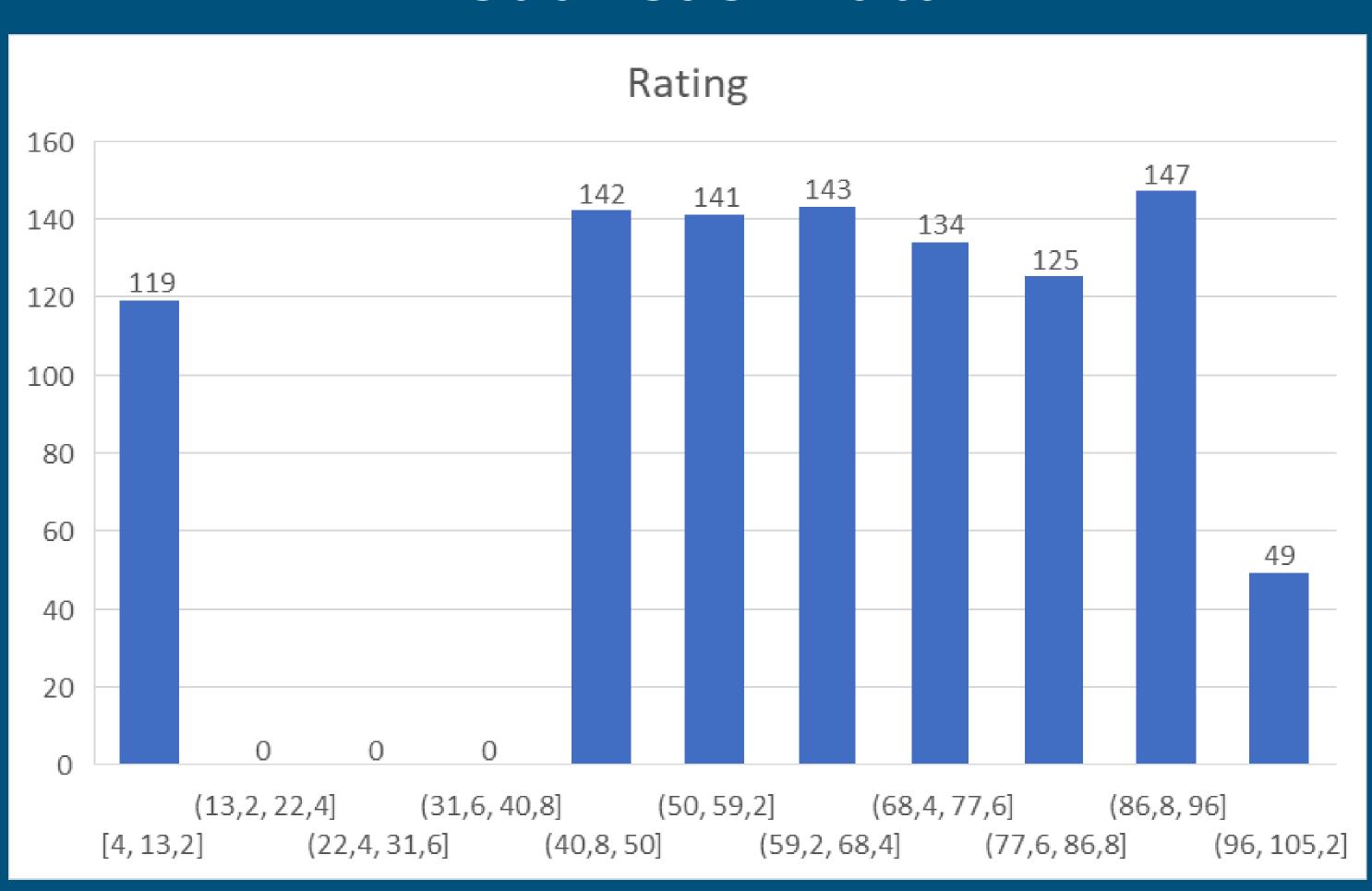


Invoice 10   Stranch   City   Customertype   Gender   Productine   Unit price   Quantity   Tax55%   Iotal   Data   Time   Payment   Cogs   Gross margin percentage   Gross income   Rating 750-67-8428 A Yangon   Member   Female   Health and beauty   7469   7 261415   5489715   1/5/2019   13:23:00   Evallet   52283   34761904762   261415   226-31-3081   C Naypyitaw   Normal   Female   Electronic accessories   5128   5 382   8022 3/8/2019   10:29:00   Cash   764   4761904762   382														
226-31-3081 C Napyritaw Normal Female Electronic accessories 1528 5 382 8022 3/8/2019 10:29:00 Cash 764 4761904762 382 63141-3108 A Yangon Normal Male Home and lifestyle 4633 7 16:2155 3405:255 3/3/2019 13:23:00 Credit card 32431 4761904762 16:2155 123-19:1176 A Yangon Member Male Health and beauty 5822 8 23:288 489048 1/27/2019 20:33:00 Ewallet 46576 4761904762 23:288 373-73-79:10 A Yangon Normal Male Sports and travel 8631 7 30:0285 6343785 2/8/2019 10:37:00 Ewallet 60417 4761904762 30:2085 699:14-3026 C Napyritaw Normal Male Electronic accessories 8539 7 298865 6276165 3/25/2019 18:30:00 Ewallet 59773 4761904762 298865 355-53-5943 A Yangon Member Female Electronic accessories 8844 6 20652 433692 2/25/2019 14:36:00 Ewallet 59773 4761904762 298865 6276165 3/25/2019 18:30:00 Ewallet 59773 4761904762 20:866 665-32-9167 A Yangon Member Female Home and lifestyle 7356 10 3678 77238 2/24/2019 11:38:00 Ewallet 7356 4761904762 20:62 4761904762 20:52 4761904762 30:62 4	Invoice ID 💌 Br	ranch 🔽 City	▼ Customer type	<b>▼</b> Gender	Product line	Unit price 🔽 Q	uantity 🔽 T	ax 5% 💌	Total 🕶 Date 💌	Time Payment	cogs 🕶 g	gross margin percentage 💌	gross income 💌 F	Rating 🔽
631-41-3108 A Yangon Normal Male Home and lifestyle 4633 7 162155 3405255 3/3/2019 13:23:00 Credit card 32431 4761904762 162155 123-19-1176 A Yangon Member Male Health and beauty 5822 8 2328 489048 1/27/2019 20:33:00 Ewallet 6656 4761904762 32288 499048 1/27/2019 20:33:00 Ewallet 6656 4761904762 30:085 693-14-3026 C Naypyitaw Normal Male Electronic accessories 8539 7 298865 6276165 3/25/2019 18:30:00 Ewallet 59773 4761904762 298865 335-35-35943 A Yangon Member Female Electronic accessories 6884 6 20652 433692 2/25/2019 14:36:00 Ewallet 41304 4761904762 20652 315-22-5665 C Naypyitaw Normal Female Health and beauty 3626 2 3626 76146 1/10/2019 17:15:00 Credit card 7252 4761904762 3626 692-92-5582 B Mandalay Member Female Female Food and beverages 5484 3 8226 172746 2/20/2019 13:27:00 Credit card 7252 4761904762 8226 351-62-0822 B Mandalay Member Female Electronic accessories 1448 4 2896 60816 2/6/2019 18:07:00 Ewallet 5792 4761904762 2886 529-55-3974 B Mandalay Member Female Electronic accessories 4695 5 117375 2464875 2/12/2019 18:07:00 Ewallet 5792 4761904762 117375 1252-56-2699 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 3169 117375 1252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:19:00 Cash 56:322 4761904762 3569 1299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 11/5/2019 16:19:00 Cash 56:322 4761904762 31195 1259-56-6991 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:10:00 Cash 56:322 4761904762 21195 1656-6951 A Yangon Member Female Sports and travel 9372 6 28116 590436 11/5/2019 16:19:00 Cash 56:322 4761904762 21195 1656-6951 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 16:00:00 Credit card 48251 4761904762 21155 1656-6951 A Yangon Normal Male Sports and travel 7261 6 21763 457443 1/1/2019 10:39:00 Credit card 48251 4761904762 241255 1656-6951 A Yangon Normal Male Sports and travel 7261 6 21763 457443 1/1/2019 10:39:00 Credit card 48251	750-67-8428 A	Yangon	Member	Female	Health and beauty	7469	7	261415	5489715 1/5/2019	13:08:00 Ewallet	52283	4761904762	261415	91
123-19-1176 A Yangon Member Male Health and beauty 5822 8 23288 489048 1/27/2019 20:33:00 Ewallet 46576 4761904762 23288 373-73-7910 A Yangon Normal Male Sports and travel 8631 7 302085 6343785 2/8/2019 10:37:00 Ewallet 60417 4761904762 302085 699-14-3026 C Naypyitaw Normal Male Electronic accessories 8539 7 298865 6276165 3/25/2019 18:30:00 Ewallet 59773 4761904762 29865 535-53-5943 A Yangon Member Female Electronic accessories 6884 6 20652 433692 2/25/2019 14:36:00 Ewallet 41304 4761904762 20652 315-22-5665 C Naypyitaw Normal Female Home and lifestyle 7356 10 3678 77238 2/24/2019 11:38:00 Ewallet 7356 4761904762 3678 665-32-9167 A Yangon Member Female Health and beauty 3626 2 3626 76146 1/10/2019 17:15:00 Credit card 7252 4761904762 3626 692-92-5582 B Mandalay Member Female Food and beverages 5484 3 8226 172746 2/20/2019 13:27:00 Credit card 16452 4761904762 8226 529-56-3974 B Mandalay Member Female Electronic accessories 2551 4 5102 107142 3/9/2019 17:03:00 Ewallet 5792 4761904762 2896 529-56-3974 B Mandalay Member Male Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Female Electronic accessories 4319 10 21595 453495 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Bopts and travel 9372 6 2816 590436 1/15/2019 10:25:00 Ewallet 4319 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 7138 10 3569 74949 3/29/2019 10:25:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/2/1/2019 10:30:00 Ewallet 806 4761904762 403 319-50-3348 B Mandalay Normal Female Home and lifestyle 4	226-31-3081 C	Naypyita	w Normal	Female	Electronic accessories	1528	5	382	8022 3/8/2019	10:29:00 Cash	764	4761904762	382	96
373-73-7910 A Yangon Normal Male Sports and travel 8631 7 302085 6343785 2/8/2019 10:37:00 Ewallet 60417 4761904762 302085 699-14:3026 C Naypyitaw Normal Male Electronic accessories 8539 7 298855 6276165 3/25/2019 18:30:00 Ewallet 59773 4761904762 298865 315-52-536943 A Yangon Member Female Electronic accessories 6884 6 20552 433692 2/25/2019 14:36:00 Ewallet 41304 4761904762 20552 315-22-5665 C Naypyitaw Normal Female Home and lifestyle 7356 10 3678 77238 2/24/2019 11:38:00 Ewallet 7356 4761904762 3678 665-32-9167 A Yangon Member Female Health and beauty 3626 2 3626 76146 1/10/2019 17:15:00 Credit card 7252 4761904762 3626 692-92-5582 B Mandalay Member Female Food and beverages 5484 3 8226 172746 2/20/2019 13:27:00 Credit card 7252 4761904762 8226 351-62-0822 B Mandalay Member Female Fashion accessories 1448 4 2896 60816 2/6/2019 18:07:00 Ewallet 5792 4761904762 2896 529-56-3974 B Mandalay Member Male Electronic accessories 2551 4 5102 107142 3/9/2019 10:25:00 Ewallet 5792 4761904762 5102 52-56-6991 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 4319 4761904762 117375 252-56-699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 10:25:00 Ewallet 4319 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 10:200 Cash 56232 4761904762 28116 565-95-9349 A Yangon Member Female Bealth and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 56232 4761904762 211783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1721/2019 10:30:00 Credit card 48251 4761904762 211783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1721/2019 15:30:00 Ewallet 806 4761904762 403	631-41-3108 A	Yangon	Normal	Male	Home and lifestyle	4633	7	162155	3405255 3/3/2019	13:23:00 Credit card	32431	4761904762	162155	74
699-14-3026   C   Naypyitaw   Normal   Male   Electronic accessories   8539   7   298865 6276165 3/25/2019   18:30:00   Ewallet   59773   4761904762   298865   335-53-5943   A   Yangon   Member   Female   Electronic accessories   6884   6   20652   433692 2/25/2019   14:36:00   Ewallet   41304   4761904762   20652   315-22-5665   C   Naypyitaw   Normal   Female   Home and lifestyle   7356   10   3678   77238 2/24/2019   11:38:00   Ewallet   7356   4761904762   3678   365-32-9167   A   Yangon   Member   Female   Home and lifestyle   7356   2   3626   76146 1/10/2019   17:15:00   Credit card   7252   4761904762   3626   692-92-5582   B   Mandalay   Member   Female   Food and beverages   5484   3   8226   172746 2/20/2019   13:27:00   Credit card   16452   4761904762   8226   351-62-0822   B   Mandalay   Member   Female   Fashion accessories   1448   4   2896   60816 2/6/2019   18:07:00   Ewallet   5792   4761904762   2896   529-56-3974   B   Mandalay   Member   Male   Electronic accessories   2551   4   5102   107142 3/9/2019   17:03:00   Cash   10204   4761904762   5102   365-64-0515   A   Yangon   Normal   Female   Electronic accessories   4695   5   17375 2464875 2/12/2019   10:25:00   Ewallet   24475   4761904762   21595   225-62699   A   Yangon   Normal   Male   Food and beverages   4319   10   21595   453495 2/7/2019   10:648:00   Ewallet   4319   4761904762   21595   229-46-1805   B   Mandalay   Member   Female   Health and beauty   7138   10   3569   74949 3/29/2019   19:21:00   Cash   7138   4761904762   28116   656-95-9349   A   Yangon   Normal   Male   Food and beverages   4693   7   241255   5066355 3/11/2019   16:19:00   Cash   56232   4761904762   241255   246-6951   A   Yangon   Normal   Male   Food and beverages   5467   3   82005   1722105 1/21/2019   18:00:00   Credit card   43566   4761904762   241255   241	123-19-1176 A	Yangon	Member	Male	Health and beauty	5822	8	23288	489048 1/27/2019	20:33:00 Ewallet	46576	4761904762	23288	84
355-53-5943 A Yangon Member Female Electronic accessories 6884 6 20652 433692 2/25/2019 14:36:00 Ewallet 41304 4761904762 20652 315-22-5665 C Naypyitaw Normal Female Home and lifestyle 7356 10 3678 77238 2/24/2019 11:38:00 Ewallet 7356 4761904762 3678 665-32-9167 A Yangon Member Female Health and beauty 3626 2 3626 76146 1/10/2019 17:15:00 Credit card 7252 4761904762 3626 692-92-5582 B Mandalay Member Female Food and beverages 5484 3 8226 172746 2/20/2019 13:27:00 Credit card 16452 4761904762 8226 351-62-0822 B Mandalay Member Female Food and excessories 1448 4 2896 60816 2/6/2019 13:27:00 Credit card 16452 4761904762 8296 529-56-3974 B Mandalay Member Male Electronic accessories 2551 4 5102 107142 3/9/2019 17:03:00 Cash 10204 4761904762 5102 365-64-0515 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:48:00 Ewallet 4319 4761904762 21595 829-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 10:19:00 Cash 7138 4761904762 28116 656-95-9349 A Yangon Normal Male Food and beverages 5467 3 8205 1722105 1/21/2019 10:39:00 Credit card 48251 4761904762 21255 765-26-951 A Yangon Normal Male Food and beverages 5467 3 8205 1722105 1/21/2019 10:39:00 Credit card 4856 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 8205 1722105 1/21/2019 10:39:00 Credit card 16401 4761904762 403 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	373-73-7910 A	Yangon	Normal	Male	Sports and travel	8631	7	302085	6343785 2/8/2019	10:37:00 Ewallet	60417	4761904762	302085	53
315-22-5665 C Naypyitaw Normal Female Home and lifestyle 7356 10 3678 77238 2/24/2019 11:38:00 Ewallet 7356 4761904762 3626 665-32-9167 A Yangon Member Female Health and beauty 3626 2 3626 76146 1/10/2019 17:15:00 Credit card 7252 4761904762 3626 692-92-5582 B Mandalay Member Female Food and beverages 5484 3 8226 172746 2/20/2019 13:27:00 Credit card 16452 4761904762 8226 351-62-0822 B Mandalay Member Female Fashion accessories 1448 4 2896 60816 2/6/2019 18:07:00 Ewallet 5792 4761904762 2896 529-56-3974 B Mandalay Member Male Electronic accessories 2551 4 5102 107142 3/9/2019 17:03:00 Cash 10204 4761904762 5102 365-64-0515 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 10:25:00 Ewallet 4319 4761904762 1599 329-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Normal Male Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Normal Male Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Normal Male Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Normal Male Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 43566 4761904762 403 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	699-14-3026 C	Naypyita	w Normal	Male	Electronic accessories	8539	7	298865	6276165 3/25/2019	18:30:00 Ewallet	59773	4761904762	298865	41
665-32-9167 A Yangon Member Female Health and beauty 3626 2 3626 76146 1/10/2019 17:15:00 Credit card 7252 4761904762 3626 692-92-5582 B Mandalay Member Female Food and beverages 5484 3 8226 172746 2/20/2019 13:27:00 Credit card 16452 4761904762 8226 351-62-0822 B Mandalay Member Female Fashion accessories 1448 4 2896 60816 2/6/2019 18:07:00 Ewallet 5792 4761904762 2896 529-56-3974 B Mandalay Member Male Electronic accessories 2551 4 5102 107142 3/9/2019 17:03:00 Cash 10204 4761904762 5102 365-64-0515 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:48:00 Ewallet 4319 4761904762 21595 829-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 45744 1/1/2019 10:39:00 Credit card 48251 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 43566 4761904762 21783 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	355-53-5943 A	Yangon	Member	Female	Electronic accessories	6884	6	20652	433692 2/25/2019	14:36:00 Ewallet	41304	4761904762	20652	58
692-92-5582 B Mandalay Member Female Food and beverages 5484 3 8226 172746 2/20/2019 13:27:00 Credit card 16452 4761904762 8226 351-62-0822 B Mandalay Member Female Fashion accessories 1448 4 2896 60816 2/6/2019 18:07:00 Ewallet 5792 4761904762 2896 529-56-3974 B Mandalay Member Male Electronic accessories 2551 4 5102 107142 3/9/2019 17:03:00 Cash 10204 4761904762 5102 365-64-0515 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:48:00 Ewallet 4319 4761904762 21595 829-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355 3/11/2019 11:03:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	315-22-5665 C	Naypyita	w Normal	Female	Home and lifestyle	7356	10	3678	77238 2/24/2019	11:38:00 Ewallet	7356	4761904762	3678	8
351-62-0822 B Mandalay Member Female Fashion accessories 1448 4 2896 60816 2/6/2019 18:07:00 Ewallet 5792 4761904762 2896 529-56-3974 B Mandalay Member Male Electronic accessories 2551 4 5102 107142 3/9/2019 17:03:00 Cash 10204 4761904762 5102 365-64-0515 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:48:00 Ewallet 4319 4761904762 21595 829-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355 3/11/2019 11:03:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	665-32-9167 A	Yangon	Member	Female	Health and beauty	3626	2	3626	76146 1/10/2019	17:15:00 Credit card	7252	4761904762	3626	72
529-56-3974 B Mandalay Member Male Electronic accessories 2551 4 5102 107142 3/9/2019 17:03:00 Cash 10204 4761904762 5102   365-64-0515 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375   252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:48:00 Ewallet 4319 4761904762 21595   829-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569   299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116   656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355	692-92-5582 B	Mandalay	y Member	Female	Food and beverages	5484	3	8226	172746 2/20/2019	13:27:00 Credit card	16452	4761904762	8226	59
365-64-0515 A Yangon Normal Female Electronic accessories 4695 5 117375 2464875 2/12/2019 10:25:00 Ewallet 23475 4761904762 117375 252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:48:00 Ewallet 4319 4761904762 21595 452-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355 3/11/2019 11:03:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	351-62-0822 B	Mandalay	y Member	Female	Fashion accessories	1448	4	2896	60816 2/6/2019	18:07:00 Ewallet	5792	4761904762	2896	45
252-56-2699 A Yangon Normal Male Food and beverages 4319 10 21595 453495 2/7/2019 16:48:00 Ewallet 4319 4761904762 21595 829-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355 3/11/2019 11:03:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	529-56-3974 B	Mandalay	y Member	Male	Electronic accessories	2551	4	5102	107142 3/9/2019	17:03:00 Cash	10204	4761904762	5102	68
829-34-3910 A Yangon Normal Female Health and beauty 7138 10 3569 74949 3/29/2019 19:21:00 Cash 7138 4761904762 3569 299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116 656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355 3/11/2019 11:03:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	365-64-0515 A	Yangon	Normal	Female	Electronic accessories	4695	5	117375	2464875 2/12/2019	10:25:00 Ewallet	23475	4761904762	117375	71
299-46-1805 B Mandalay Member Female Sports and travel 9372 6 28116 590436 1/15/2019 16:19:00 Cash 56232 4761904762 28116   656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355 3/11/2019 11:03:00 Credit card 48251 4761904762 241255   765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783   329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005   319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762	252-56-2699 A	Yangon	Normal	Male	Food and beverages	4319	10	21595	453495 2/7/2019	16:48:00 Ewallet	4319	4761904762	21595	82
656-95-9349 A Yangon Member Female Health and beauty 6893 7 241255 5066355 3/11/2019 11:03:00 Credit card 48251 4761904762 241255 765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783 329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	829-34-3910 A	Yangon	Normal	Female	Health and beauty	7138	10	3569	74949 3/29/2019	19:21:00 Cash	7138	4761904762	3569	57
765-26-6951 A Yangon Normal Male Sports and travel 7261 6 21783 457443 1/1/2019 10:39:00 Credit card 43566 4761904762 21783   329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005   319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	299-46-1805 B	Mandalay	y Member	Female	Sports and travel	9372	6	28116	590436 1/15/2019	16:19:00 Cash	56232	4761904762	28116	45
329-62-1586 A Yangon Normal Male Food and beverages 5467 3 82005 1722105 1/21/2019 18:00:00 Credit card 16401 4761904762 82005 319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	656-95-9349 A	Yangon	Member	Female	Health and beauty	6893	7	241255	5066355 3/11/2019	11:03:00 Credit card	48251	4761904762	241255	46
319-50-3348 B Mandalay Normal Female Home and lifestyle 403 2 403 8463 3/11/2019 15:30:00 Ewallet 806 4761904762 403	765-26-6951 A	Yangon	Normal	Male	Sports and travel	7261	6	21783	457443 1/1/2019	10:39:00 Credit card	43566	4761904762	21783	69
	329-62-1586 A	Yangon	Normal	Male	Food and beverages	5467	3	82005	1722105 1/21/2019	18:00:00 Credit card	16401	4761904762	82005	86
300-71-4605 C Naypyitaw Member Male Electronic accessories 8604 5 2151 45171 2/25/2019 11:24:00 Ewallet 4302 4761904762 2151	319-50-3348 B	Mandalay	y Normal	Female	Home and lifestyle	403	2	403	8463 3/11/2019	15:30:00 Ewallet	806	4761904762	403	44
	300-71-4605 C	Naypyita	w Member	Male	Electronic accessories	8604	5	2151	45171 2/25/2019	11:24:00 Ewallet	4302	4761904762	2151	48
371-85-5789 B Mandalay Normal Male Health and beauty 8798 3 13197 277137 3/5/2019 10:40:00 Ewallet 26394 4761904762 13197	371-85-5789 B	Mandalay	y Normal	Male	Health and beauty	8798	3	13197	277137 3/5/2019	10:40:00 Ewallet	26394	4761904762	13197	51
273-16-6619 B Mandalay Normal Male Home and lifestyle 332 2 332 6972 3/15/2019 12:20:00 Credit card 664 4761904762 332	273-16-6619 B	Mandalay	y Normal	Male	Home and lifestyle	332	2	332	6972 3/15/2019	12:20:00 Credit card	664	4761904762	332	44
636-48-8204 A Yangon Normal Male Electronic accessories 3456 5 864 18144 2/17/2019 11:15:00 Ewallet 1728 4761904762 864	636-48-8204 A	Yangon	Normal	Male	Electronic accessories	3456	5	864	18144 2/17/2019	11:15:00 Ewallet	1728	4761904762	864	99
549-59-1358 A Yangon Member Male Sports and travel 8863 3 132945 2791845 3/2/2019 17:36:00 Ewallet 26589 4761904762 132945	549-59-1358 A	Yangon	Member	Male	Sports and travel	8863	3	132945	2791845 3/2/2019	17:36:00 Ewallet	26589	4761904762	132945	6
227-03-5010 A Yangon Member Female Home and lifestyle 5259 8 21036 441756 3/22/2019 19:20:00 Credit card 42072 4761904762 21036	227-03-5010 A	Yangon	Member	Female	Home and lifestyle	5259	8	21036	441756 3/22/2019	19:20:00 Credit card	42072	4761904762	21036	85

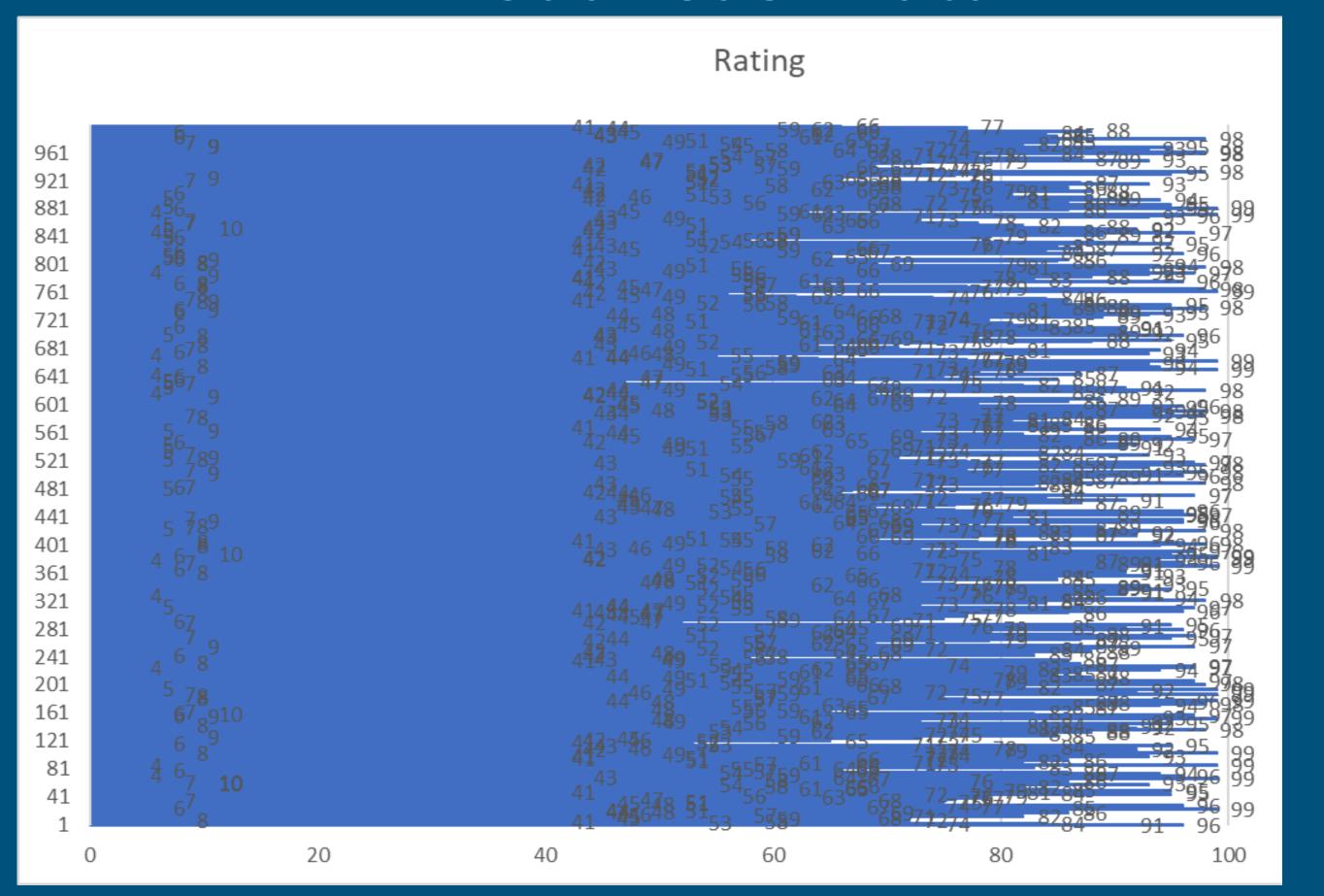
# Analisis Deskriptif

	Rata-rata	Median	Modus	Simpangan Baku
Harga Unit	5043,332	5064	8377	2898,29376
Kuantitas	5,51	5	10	2,9219685
Total Penjualan	877066,4	82908	82908	1607687
Rating	62,545	66	6	26,1364

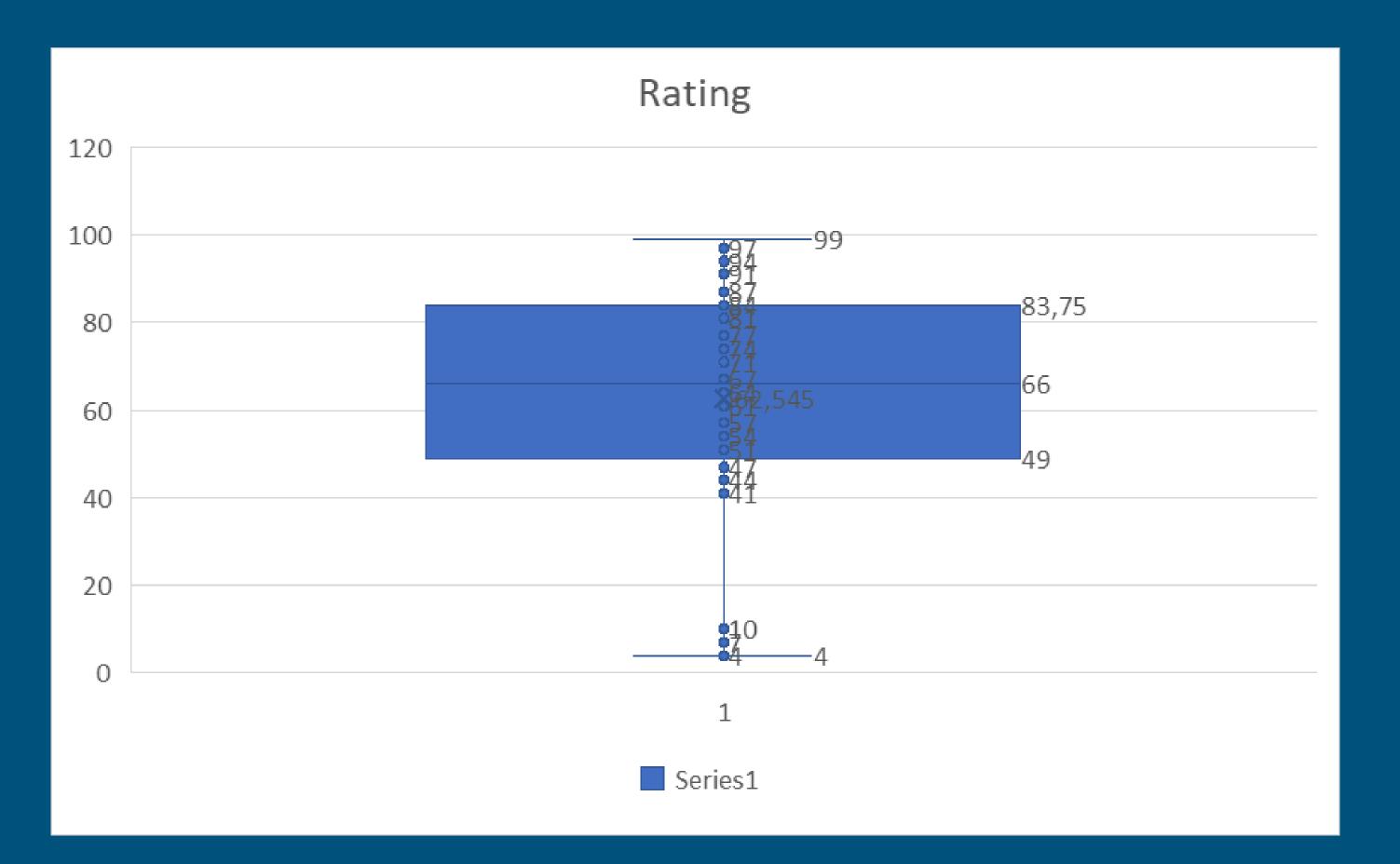
#### Visualisasi Data

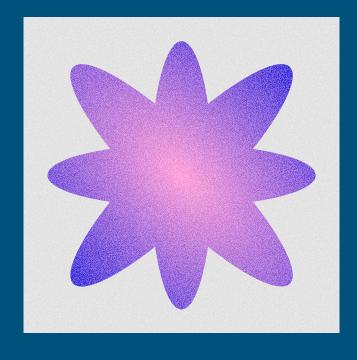


# Visualisasi Data

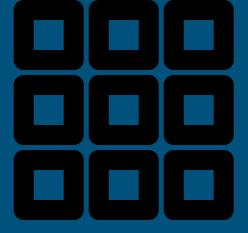


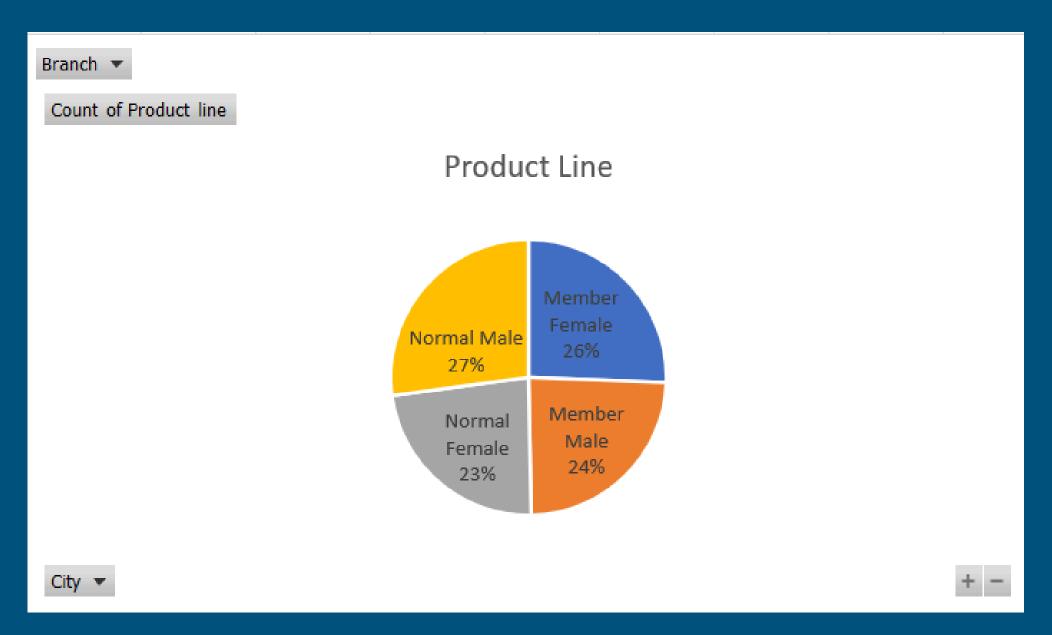
### Visualisasi Data



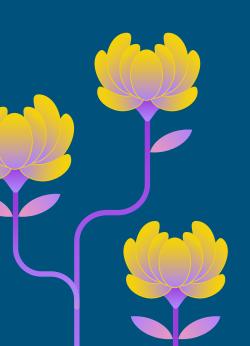


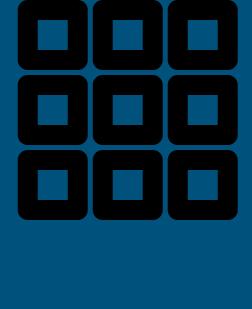
Count of Product line	Column Labels			
Row Labels	Mandalay	Naypyitaw	Yangon	<b>Grand Total</b>
<b>■ Member</b>	165	169	167	501
Female	85	96	80	261
Male	80	73	87	240
■ Normal	167	159	173	499
Female	77	82	81	240
Male	90	77	92	259
Grand Total	332	328	340	1000

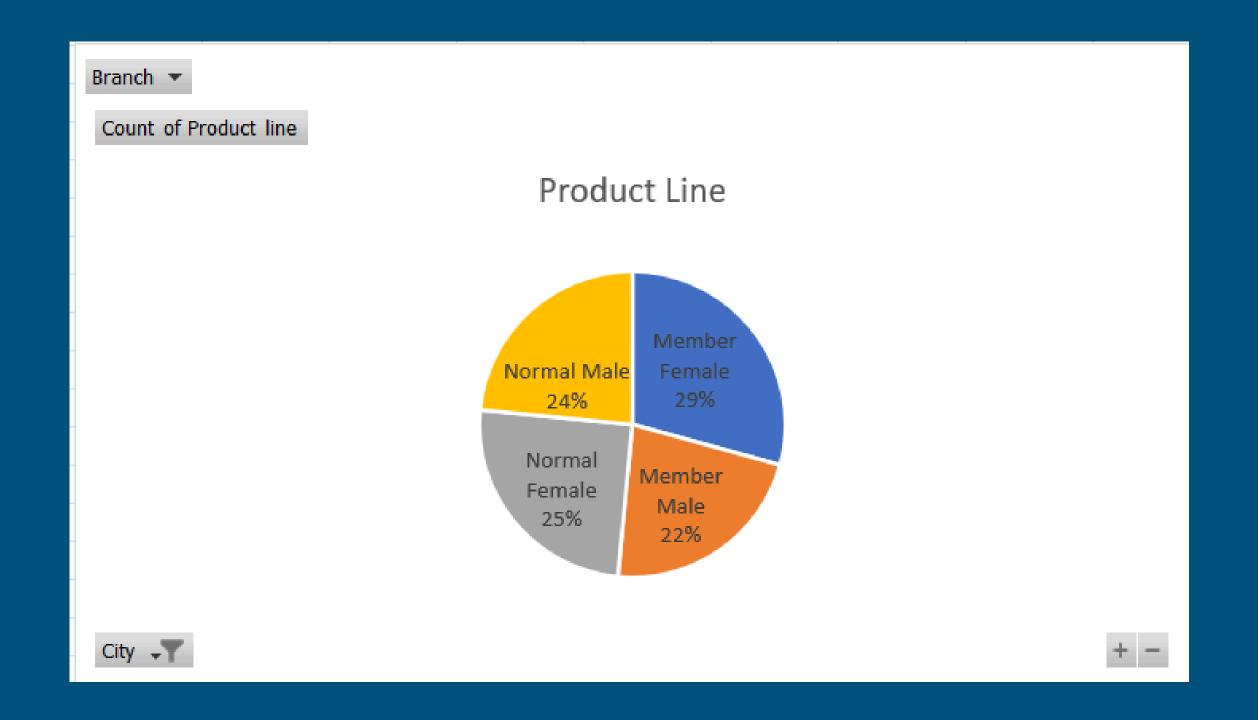




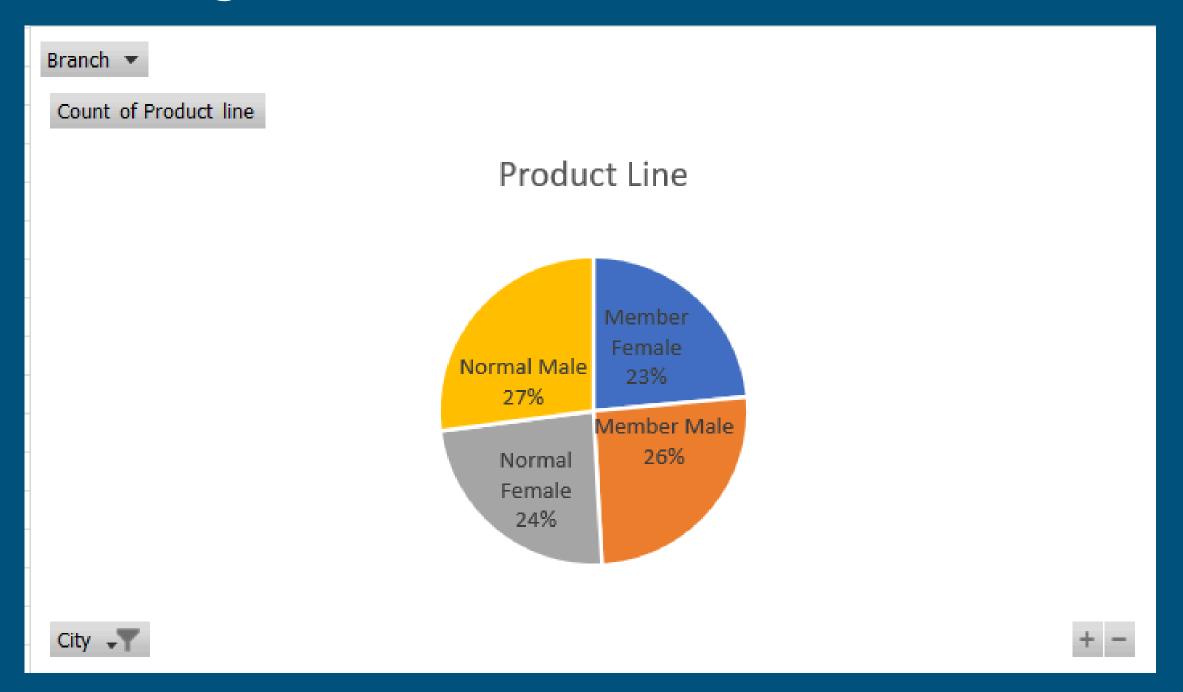


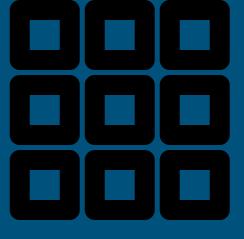




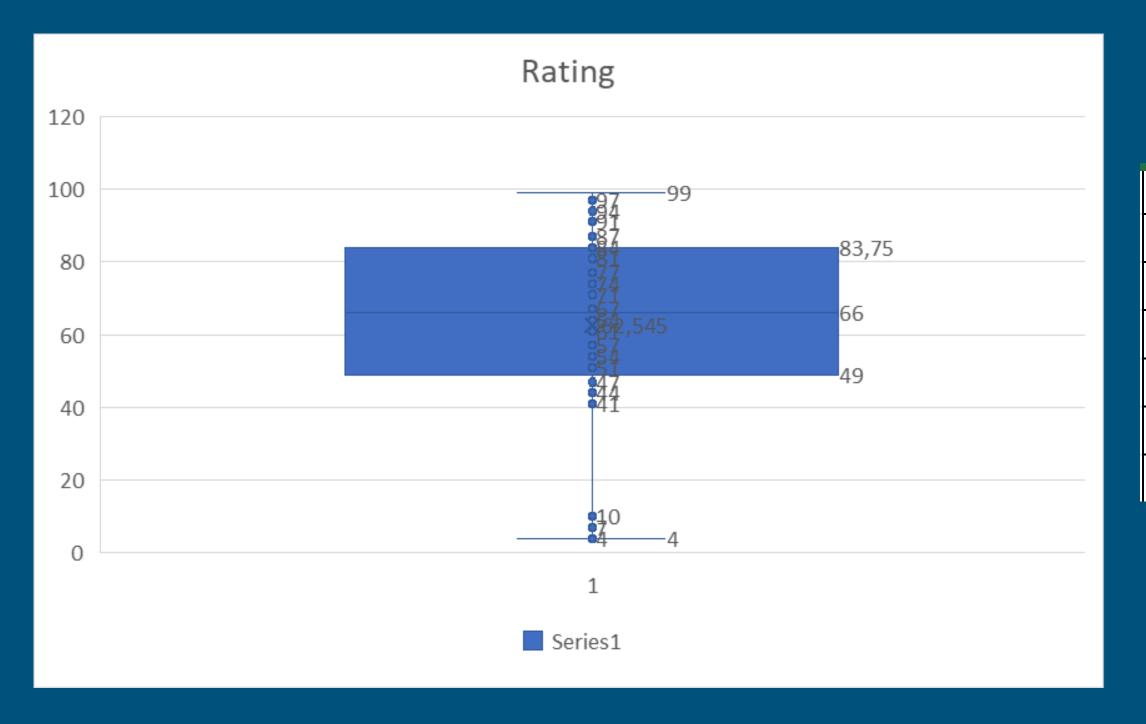


Naypyitaw





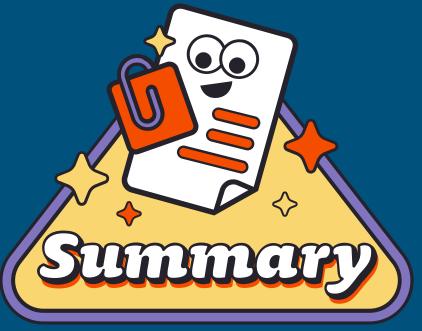
#### Identifikasi Outlier





Identifikasi Outlier	Hasil
Minimum	4
Q1	49
Q2 (Median)	66
Q3	83
Maximum	99
IQR	34

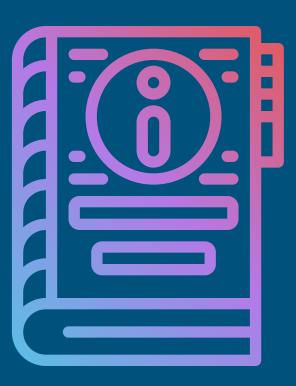
#### Kesimpulan



- 1. Berdasarkan dataset yang aku dapatkan tentang total penjualan, dari ketiga cabang tersebut, Cabang C memiliki penjualan tertinggi dibandingkan Cabang A dan B, walaupun penjualan antara ketiga cabang tersebut merata.
- 2. Berdasarkan dataset yang aku dapatkan, kategori produk yang tertinggi dijual adalah kategori "Food and Beverages" lalu diikuti oleh "Fashion Accessories" dan "Electronic Accessories".
- 3. Berdasarkan waktu transaksi antara ketiga cabang tersebut, puncak transaksi A terjadi di pukul 18:00-19:00, sedangkan di B itu di pukul 17:00-18:00, dan di C itu di pukul 19:00-20:00
- 4. Berdasarkan boxplot dari variable "Rating" dan juga mengidentifikasi nilai outlier, kita lihat bahwa dari 1001 data, 493 data merupakan data outlier. Dampak dari data outlier yang muncul itu menimbulkan efek rata-rata data Rating yang seharusnya terletak di dalam area boxplot.

#### Sumber Dataset

Dataset: https://www.kaggle.com/datasets/aungpyaeap/supermarket-sales



THANKYOU



