

MS EXCEL PROJECT

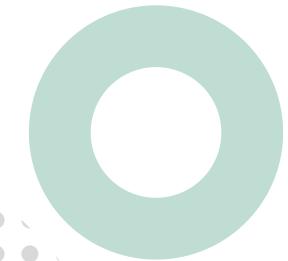
**EXPLORING, MANIPULATING,
PROCESSING, AND
VISUALIZING DATA USING
MS EXCEL**

EXCEL BASIC TO ADVANCE

SAFFA RAHMATULLAH

XLS

Project List

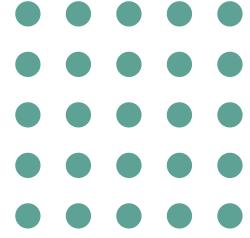


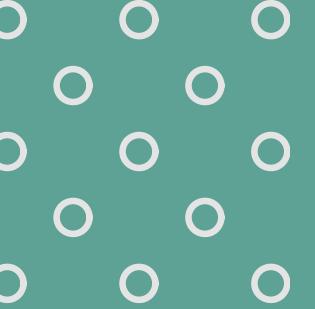
01. Exploration and Manipulation of Sales Data

02. Processing Student Grade

03. Superstore Data Dashboard

GitHub link for a more comprehensive analysis :
<https://tinyurl.com/analystdata-withexcel>





Project 1

“Exploration and Manipulation of Sales Data”

To view the detailed formulas used in Excel, please access
the following link :

https://bit.ly/analisisdatapenjualan_excel



Exploration and Manipulation of Sales Data

In this project, we will explore and manipulate sales data consisting of 1000 data entries.

The steps for completing the project are as follows:

1. Clean up columns and rows.
2. Adjust each column to its respective data type.
3. Create a new column containing the sold price and change its data type to currency \$.
4. In the new column, correct the date column and extract the year.
5. Create a formula to obtain results from the Order Code column.
6. Retrieve all salesperson names from the "Data" sheet and input them into the "Salesperson" column on the "Question" sheet.
7. Calculate the number of sales made by each salesperson and the total sales they generated.
8. Assess the performance of each salesperson as "Good," "Medium," or "Bad."
9. On the "Question" sheet, calculate the total sales, average sales, and the total number of sales for each region annually.
10. Answer the questions provided on the right side of the "Question" section.

Sheet Data

Screenshot of a Microsoft Excel spreadsheet titled "Sheet Data". The spreadsheet contains 28 rows of data, each representing a product sale. The columns are labeled A through S. The data includes fields such as JE Code, Store, Country, Region, Date, Item, Salesperson, Price, Discount %, Order Code, Harga Terjual (Sale Price), and Date.

The formula bar at the top shows the formula: =CONCAT(RIGHT(A2;4);"-";D2;"-";LEFT(G2;1);MID(G2;FIND(" ";G2)+1;1))

The ribbon menu is visible at the top, showing tabs for File, Home, Insert, Draw, Page Layout, Formulas, Data, Review, View, Developer, and Help. The Home tab is selected.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	JE Code	Store	Country	Region	Date	Item	Salesperson	Price	Discount %	Order Code	Harga Terjual	Date							
2	I-1001	Moscow	Russia	EMEA	10/06/2018	Microwave	May Wilmot	80	1%	1001-EMEA-MW	\$79,00	2018							
3	I-1002	Toronto	Canada	NA	23/04/2015	Microwave	David Shiner	80	33%	1002-NA-DS	\$54,00	2015							
4	I-1003	Sao Paolo	Brazil	LATAM	04/03/2017	Air conditioner	Gary Reynolds	700	2%	1003-LATAM-GR	\$686,00	2017							
5	I-1004	Istanbul	Turkey	EMEA	14/08/2018	Ceiling fan	Mark Buntain	150	9%	1004-EMEA-MB	\$137,00	2018							
6	I-1005	Sydney	Australia	APAC	03/03/2015	Toaster	Christine Davies	50	26%	1005-APAC-CD	\$37,00	2015							
7	I-1006	Shenzhen	China	APAC	4/25/2016	Iron	Gary Shaw	30	3%	1006-APAC-GS	\$29,00	2016							
8	I-1007	Lima	Peru	LATAM	06/06/2016	Dishwasher	Christopher Cresswell	500	7%	1007-LATAM-CC	\$465,00	2016							
9	I-1008	Tijuana	Mexico	LATAM	06/07/2016	Iron	Gillian Allnutt	30	7%	1008-LATAM-GA	\$28,00	2016							
10	I-1009	London	UK	EMEA	12/11/2015	Washing Machine	Francis Godden	800	5%	1009-EMEA-FG	\$760,00	2015							
11	I-1010	Lima	Peru	LATAM	09/07/2014	Iron	Christopher Cresswell	30	7%	1010-LATAM-CC	\$28,00	2014							
12	I-1011	Riyadh	Saudi Arabia	EMEA	10/07/2017	Refrigerator	Danny Brooks	1.000	50%	1011-EMEA-DB	\$500,00	2017							
13	I-1012	Bangkok	Thailand	APAC	8/21/2014	Air conditioner	John Jenkins	700	3%	1012-APAC-JJ	\$679,00	2014							
14	I-1013	Tijuana	Mexico	LATAM	03/09/2015	Iron	Richard Allnutt	30	7%	1013-LATAM-RA	\$28,00	2015							
15	I-1014	Delhi	India	APAC	5/30/2014	Oven	Tessa Morrow	500	2%	1014-APAC-TM	\$490,00	2014							
16	I-1015	Sydney	Australia	APAC	11/12/2018	Washing Machine	James Ricketts	800	16%	1015-APAC-JR	\$672,00	2018							
17	I-1016	Ho Chi Minh City	Vietnam	APAC	5/24/2015	Microwave	Susan Dixon	80	3%	1016-APAC-SD	\$78,00	2015							
18	I-1017	Tel Aviv	Israel	EMEA	12/06/2014	Refrigerator	Thomas Gordon	1.000	38%	1017-EMEA-TG	\$620,00	2014							
19	I-1018	Athens	Greece	EMEA	07/11/2017	Oven	David Walker	500	0%	1018-EMEA-DW	\$500,00	2017							
20	I-1019	Toronto	Canada	NA	03/11/2014	Ceiling fan	Robin Hall	150	0%	1019-NA-RH	\$150,00	2014							
21	I-1020	Osaka	Japan	APAC	7/23/2016	Refrigerator	Kenneth Walter	1.000	5%	1020-APAC-KW	\$950,00	2016							
22	I-1021	Prague	Czech Republic	EMEA	9/28/2017	Washing Machine	Edward Khan	800	8%	1021-EMEA-EK	\$736,00	2017							
23	I-1022	Capetown	South Africa	EMEA	4/17/2015	Iron	Nicholas Holloway	30	27%	1022-EMEA-NH	\$22,00	2015							
24	I-1023	Bangalore	India	APAC	11/13/2018	Coffee grinder	Delia Muhammad	70	4%	1023-APAC-DM	\$67,00	2018							
25	I-1024	Seattle	USA	NA	2/13/2018	Iron	Lesleyann Pope	30	10%	1024-NA-LP	\$27,00	2018							
26	I-1025	Jerusalem	Israel	EMEA	2/20/2018	Oven	Susan Carley	500	1%	1025-EMEA-SC	\$495,00	2018							
27	I-1026	Birmingham	UK	EMEA	3/22/2016	Vacuum Cleaner	Damien Smith	250	5%	1026-EMEA-DS	\$238,00	2016							
28	I-1027	Seoul	South Korea	APAC	07/07/2017	Vacuum Cleaner	Steven Wood	250	1%	1027-APAC-SW	\$210,00	2017							

Sheet Question

Excel Home ribbon:

- Clipboard**: Cut, Copy, Paste, Format Painter.
- Font**: Calibri, 11pt, Bold, Italic, Underline, Alignment, Wrap Text, Merge & Center.
- Number**: Currency, \$, %, , ., AutoSum, Fill, Sort & Filter, Clear.
- Styles**: Conditional Formatting, Format as Table, Cell Styles, Insert, Delete, Format.
- Cells**: Insert, Delete, Format.
- Editing**: AutoSum, Fill, Sort & Filter, Select.
- Add-ins**: Add-ins.

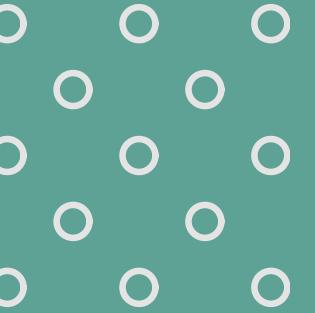
Cell D4 contains the formula: =SUMIFS(Data!\$K\$2:\$K\$2331;Data!\$L\$2:\$L\$2331;Question!\$B4;Data!\$D\$2:\$D\$2331;Question!D\$2)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1					Sum of Sales				Salesperson	Sales Count	Total Sales	Performance		Question	Answer									
2		EMEA	NA	LATAM	APAC	Total	Abdul Amos	9	\$ 3.350	Good			Best year of sales?	2017	=MAXIFS(B3:B7;G3:G7;MAX(G3:G7))									
3	2014	\$63.529	\$21.299	\$17.136	\$35.727	\$137.691	Abdul Heywood	6	\$ 1.304	Medium			Number of "Good" performing salespersons	120	=COUNTIF(K2:K511;"Good")									
4	2015	\$53.458	\$20.482	\$20.743	\$31.428	\$126.111	Abu Moore	2	\$ 74	Bad			What year have the lowest number of sales?	2016	=MINIFS(B21:B25;G21:G25;MIN(G21:G25))									
5	2016	\$51.438	\$22.671	\$18.573	\$34.464	\$127.146	Aidan Perrott	4	\$ 906	Medium			Who generates revenue the most?	Francis Godden	=INDEX(H2:H511;MATCH(MAX(J2:J511);J2:J511;0);1)									
6	2017	\$76.335	\$19.027	\$22.696	\$32.116	\$150.174	Alan Davie	4	\$ 654	Bad			What is the best selling item?	Iron	=INDEX(M16:M27;MATCH(MAX(N16:N27);N16:N27;0);1)									
7	2018	\$58.877	\$23.304	\$19.341	\$33.140	\$134.662	Alan Evora	1	\$ 370	Bad			What is the most number of items a salesperson has sold?	13	=MAX(I2:I511)									
8							Alan Grant	3	\$ 867	Medium														
9							Alan Procter	2	\$ 319	Bad														
10		Sales Average					Alastair Mills	5	\$ 1.223	Medium														
11		EMEA	NA	LATAM	APAC	Total	Alen Dinan	4	\$ 1.381	Medium														
12	2014	\$318	\$232	\$241	\$319	\$1.109	Alexander Hillier	6	\$ 2.634	Good														
13	2015	\$269	\$293	\$273	\$276	\$1.110	Alexander Rowntree	1	\$ 245	Bad														
14	2016	\$289	\$302	\$251	\$305	\$1.147	Alexander Uddin	4	\$ 2.202	Good														
15	2017	\$310	\$276	\$334	\$295	\$1.214	Alexandra Mukherjee	1	\$ 602	Bad														
16	2018	\$303	\$268	\$307	\$276	\$1.155	Alexandra Wright	7	\$ 2.314	Good														
17							Alice Canning	3	\$ 1.576	Medium														
18							Alison Hallows	1	\$ 77	Bad														
19		Number of Sales					Alison Lazar	5	\$ 2.045	Good														
20		EMEA	NA	LATAM	APAC	Total	Alison Storey	8	\$ 1.241	Medium														
21	2014	200	92	71	112	475	Alison Younger	7	\$ 1.793	Medium														
22	2015	199	70	76	114	459	Allyson Parker	6	\$ 2.383	Good														
23	2016	178	75	74	113	440	Allyson Rush	7	\$ 864	Medium														
24	2017	246	69	68	109	492	Amelia Scott	7	\$ 1.618	Medium														
25	2018	194	87	63	120	464	Andi Liu	3	\$ 690	Bad														
26							Andrew Harris	1	\$ 305	Bad														
27							Andrew Hirst	6	\$ 609	Bad														
28							Andrew Jones	3	\$ 727	Medium														
29							Andrew Phillips	8	\$ 3.561	Good														
30							Andrew Waddell	3	\$ 1.218	Medium														
31							Anthony Connolly	6	\$ 858	Medium														
32							Anthony Green	7	\$ 2.019	Good														
33							Anthony Procter	3	\$ 597	Bad														
34							Anthony Rothery	3	\$ 542	Bad														
35							Antony Westlake	4	\$ 2.707	Good														
36							April Childs	2	\$ 718	Medium														

Formulas for the questions:

- Sum Of Sales: =SUMIFS(Data!\$K\$2:\$K\$2331;Data!\$L\$2:\$L\$2331;Question!\$B3;Data!\$D\$2:\$D\$2331;Question!C\$2)
- Sales Average: =AVERAGEIFS(Data!\$K\$2:\$K\$2331;Data!\$L\$2:\$L\$2331;Question!\$B12;Data!\$D\$2:\$D\$2331;Question!C\$11)
- Number of Sales: =COUNTIFS(Data!\$D\$2:\$D\$2331;Question!C\$20;Data!\$L\$2:\$L\$2331;Question!\$B21)
- Sales Count: =COUNTIF(Data!\$G\$2:\$G\$2331;Question!H2)
- Total Sales: =SUMIF(Data!\$G\$2:\$G\$2331;Question!H2;Data!\$K\$2:\$K\$2331)
- Performance: =IFS(J2>1900;\$N\$12;J2>700;\$N\$10;J2<700;\$N\$11)

Bottom ribbon tabs: Langkah Pengerjaan, Data, Question, +



Project 2

“Processing Student Grade”

To view the detailed formulas used in Excel, please access
the following link :

<https://tinyurl.com/analisisdatasiswa-excel>



Processing Student Grade

In this project, student scores will be processed, comprising approximately 1000 data entries, and various provided questions will be answered using existing functions.

The steps for completing the project are outlined as follows:

1. Populate the **Helper** sheet with valid values (identify valid values in the Department column).
2. Check for any invalid data in the **Main** sheet based on the dictionary provided in the **Helper** sheet; if found, mark it with a circle.
3. Answer questions 1 – 3 from the **Soal** sheet.
4. Correct invalid data so that all data in the Main sheet becomes valid (based on the Helper sheet).
5. Create 3 visual data visualization graphs.
6. Answer questions 4 – 6 from the **Soal** sheet.
7. Create Student IDs from the **Main** sheet based on the Department Code + Their Number.
8. Populate the Absen column in the **Main** sheet based on data from the **Absen** sheet:
 - If a student is listed in the Absen data, fill in with the date they were absent.
 - If not listed, fill in with the phrase **No**

9. Answer questions 7 - 9 from the **Soal** sheet
10. Populate the **Final Score** column with the following criteria :

Ujian 1 hingga Ujian 4	Masing-masing 12.5%
UTS dan UAS	Masing-masing 20%
Tugas	10%

Untuk mahasiswa yang pernah absen mengurangi nilai **Tugas** sebanyak 10

Misal

Tugas	80
Absen	Yes
Tugas	$80 - 10 = 70$

11. Populate the Namea column in the **Main** sheet based on data from the **Detail** sheet
12. Answer questions 10 - 12 from the **Soal** sheet
13. Assign **Grades** based on the following conditions:

A+	90 keatas
A	80,01 sampai 90
B	70,01 sampai 80
C	60,01 sampai 70
D	40,01 sampai 60
E	40 dan bawah bawahnya

14. Answer questions 13 - 15 from the **Soal** sheet

Sheet Helper

The screenshot shows a Microsoft Excel interface with the following details:

- Formula Bar:** The formula `=AVERAGEIF(Main!C3:C1002;Helper!A2;Main!N3:N1002)` is displayed in the formula bar for cell C2.
- Table Data:** A table is present in the worksheet, with columns labeled A through S. Row 1 contains headers: "List Jurusan", "Kode Jurusan", and "Rata-Rata Nilai Akhir". Rows 2 through 7 contain data for various subjects (Aktuaria, Biologi, Fisika, Kimia, Matematika, Statistika) with their respective average scores and formulas.
- Row 8:** An empty row.
- Row 9:** Contains the text "Rata - Rata tinggi badan mahasiswa dari" followed by the value 161 and the formula `=AVERAGEIFS(Main!R3:R1002;Main!Q3:Q1002;"Surabaya")`.
- Bottom Navigation:** The bottom navigation bar includes tabs for Cara, Main, Soal, Visualisasi, Detail, Absen, Helper (which is selected), Dosen, and a plus sign.

Sheet Main

Excel ribbon:

- File
- Home**
- Insert
- Draw
- Page Layout
- Formulas
- Data
- Review
- View
- Developer
- Help

Clipboard: Cut, Copy, Paste, Format Painter

Font: Calibri, 11pt, Bold, Italic, Underline, Font Color (A), Alignment (Wrap Text, Merge & Center), Number (\$, %, , .00, .00), Conditional Formatting, Format as Table, Cell Styles, Insert, Delete, Format.

Cells: AutoSum, Fill (Down, Left, Right, Clear), Sort & Filter, Find & Select, Add-ins.

Editing: Comments, Share, Add-ins.

Cell P27 contains the formula: =INDEX(Detail!A:A;MATCH(D27;Detail!H:H;0))

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	
=CONCATENATE(VLOOKUP(C3;Helper!\$A\$1:\$B\$7;2;FALSE);TEXT(A3;"0000"))	=INDEX(Detail!H:H;MATCH(B3;Detail!G:G;0))										=IFERROR(VLOOKUP(B3;Absent!\$A\$1:\$B\$501;2;FALSE);"No")	=IF(L3="No";K3;K3*0,125)+((G3+J3)*0,2)+(M3*0,1)	=((E3+F3+H3+I3)*0,125)+((G3+J3)*0,2)+(M3*0,1)	=IF(N3>90;"A+";IF(N3>80;"A";IF(N3>70;"B";IF(N3>60;"C";IF(N3>40;"D";"E")))))	=INDEX(Detail!F:F;MATCH(D3;Detail!H:H;0))	=INDEX(Detail!C:C;MATCH(D3;Detail!H:H;0))	=INDEX(Detail!D:D;MATCH(D3;Detail!H:H;0))	=INDEX(Detail!E:E;MATCH(D3;Detail!H:H;0))	=INDEX(Detail!B:B;MATCH(D3;Detail!H:H;0))	=VLOOKUP(C3;Dosen!\$A\$3:\$E\$8;MATCH(Helper!A3;Dosen!\$A\$2:\$E\$2;1);FALSE)		
1	Nom	ID Mahasiswa	Jurusan	Nama	Ujian 1	Ujian 2	UTS	Ujian 3	Ujian 4	UAS	Tugas	Absen	Tugas Update	Nilai Akhir	Grade	Tanggal Lahir	Kota	Tinggi Badar	Berat Badar	Alamat	Golongan Darah	Dosen
2	3	1 D0001	Biologi	Legawa Riyanti	79	49	66	52	52	98	85	10/21/2022	75	69,3	C	3/20/2002	Probolinggo	166	95	Jl. M.T Haryono No. 5	A+	Bu Ratna
4	2 D0002	Biologi	Kunthara Halimah		65	47	72	71	70	73	82	9/12/2022	72	67,825	C	3/17/2005	Tangerang Selatan	175	55	Gang Setiabudhi No. 17	AB-	Bu Ratna
5	3 D0003	Biologi	Cakrawangsa Adriansyah		89	48	36	73	82	67	79	7/20/2022	69	64	C	9/1/2003	Malang	167	56	Jl. Jayawijaya No. 7	O+	Bu Ratna
6	4 D0004	Biologi	Daliono Sudati		78	44	36	74	59	90	100	No	100	67,075	C	12/23/2002	Padangpanjang	176	63	Gang Ahmad Dahlan No. 7	B+	Bu Ratna
7	5 D0005	Biologi	Iisa Hakim		73	48	35	62	72	51	70	7/29/2022	60	55,075	D	7/27/2002	Langsa	165	49	Gg. Pasteur No. 47	A+	Bu Ratna
8	6 D0006	Biologi	Artawan Lazuardi		77	53	94	65	70	57	71	No	71	70,425	B	3/24/2004	Kota Administrasi Jakarta Timur	178	49	Jalan Wonoayu No. 5	B-	Bu Ratna
9	7 D0007	Biologi	Jatmiko Nasyidah		58	61	95	54	77	65	87	No	87	71,95	B	8/14/2001	Sibolga	170	48	Jl. Cikutra Timur No. 25	O-	Bu Ratna
10	8 F0008	Aktuaria	Dadap Winarsih		92	75	70	70	68	65	84	No	84	73,525	B	2/4/2005	Pematangsiantar	178	54	Gg. Suryakencana No. 0	AB+	Pak Andi
11	9 B0009	Fisika	Dina Wahyudin		77	40	95	75	60	81	73	9/3/2022	63	73	B	10/15/2002	Gorontalo	158	76	Gg. Cempaka No. 58	AB+	Pak Krisna
12	10 E0010	Statistika	Wardi Hasanah		59	63	91	67	67	89	96	No	96	77,6	B	5/17/2001	Pangkalpinang	178	70	Gg. KH Amin Jasuta No. 20	O-	Bu Made
13	11 B0011	Fisika	Lukita Anggriawan		80	75	51	52	54	51	79	No	79	60,925	C	8/27/2003	Binjai	158	70	Jalan Waringin No. 1	A+	Pak Krisna
14	12 B0012	Fisika	Jatmiko Halimah		89	66	58	56	72	40	66	9/22/2022	56	60,575	C	4/27/2003	Pekalongan	167	78	Jl. Kutai No. 34	AB-	Pak Krisna
15	13 E0013	Statistika	Zulaikhah Hasanah		87	62	79	53	76	99	67	No	67	77,05	B	1/20/2003	Cilegon	179	76	Jalan S. Parman No. 85	O+	Bu Made
16	14 E0014	Statistika	Mahdi Prasetyo		86	69	85	62	73	92	66	11/14/2022	56	77,25	B	9/5/2001	Kotamobagu	166	60	Jl. Jamika No. 98	B+	Bu Made
17	15 F0015	Aktuaria	Adinata Permata		81	48	61	53	85	70	60	7/14/2022	50	64,575	C	1/19/2004	Pontianak	158	82	Jl. Rungkut Industri No. 5	A-	Pak Andi
18	16 A0016	Matematika	Baktiono Kurniawan		72	64	79	59	82	88	69	9/24/2022	59	73,925	B	7/27/2002	Padangpanjang	159	56	Gang Ahmad Dahlan No. 37	O-	Bu Dwi
19	17 F0017	Aktuaria	Jati Suwarno		60	46	85	66	73	47	62	No	62	63,225	C	10/25/2004	Pekanbaru	165	90	Gang Dipatiukur No. 63	A-	Pak Andi
20	18 E0018	Statistika	Artanto Sitorus		53	41	64	57	80	74	95	No	95	65,975	C	4/19/2004	Kota Administrasi Jakarta Timur	150	83	Jl. M.T Haryono No. 56	O+	Bu Made
21	19 C0019	Kimia	Daniswara Manullang		85	63	93	65	84	48	89	10/12/2022	79	73,225	B	7/17/2004	Banda Aceh	161	89	Jalan Dipenogoro No. 70	AB+	Pak Budi
22	20 A0020	Matematika	Halima Marbun		60	69	93	72	60	100	70	7/20/2022	60	77,225	B	12/2/2003	Palu	160	73	Jl. Gedebage Selatan No. 4	O+	Bu Dwi
23	21 E0021	Statistika	Asmuni Nainggolan		75	42	35	65	86	94	96	10/29/2022	86	67,9	C	7/26/2001	Cirebon	172	49	Jl. Asia Afrika No. 4	O-	Bu Made
24	22 A0022	Matematika	Ira Fingantoro		51	42	38	73	63	52	71	No	71	53,725	D	7/13/2003	Barbaru	173	86	Gg. Kutai No. 02	AB-	Bu Dwi
25	23 B0023	Kimia	Wakiman Prastuti		84	49	87	56	64	60	73	No	73	68,325	C	3/20/2004	Batu	166	50	Jl. PH. Mustofa No. 9	O-	Pak Krisna
26	24 D0024	Biologi	Kajen Pudjiastuti		56	57	59	56	83	48	68	No	68	59,7	D	1/14/2002	Kendari	158	56	Gg. Erlangga No. 6	AB+	Bu Ratna
27	25 F0025	Aktuaria	Ghaliyati Kurniawan		73	68	56	53	63	56	78	No	78	62,325	C	9/15/2003	GORONTALO	180	74	Jl. Asia Afrika No. 3	A-	Pak Andi
28	26 A0026	Matematika	Samsul Kusmawati		74	57	49	53	70	57	63	9/7/2022	53	58,25	D	9/1/2001	Lubuklinggau	156	86	Gang Otto Iskandardinata No. 1	A+	Bu Dwi
29	27 D0027	Biologi	Danang Pratiwi		77	54	72	52	82	73	89	9/20/2022	79	70,025	B	6/25/2001	Tarakan	153	84	Gang Pelajar Pejuang No. 49	AB-	Bu Ratna
30	28 E0028	Statistika	Putu Manullang		68	66	34	66	73	92	86	No	86	67,925	C	6/5/2001	Kota Administrasi Jakarta Timur	172	85	Jalan Abdul Muis No. 57	O-	Bu Made
31	29 C0029	Kimia	Banawi Laksita		72	51	43	74	56	50	79	7/30/2022	69	57,125	D	11/14/2001	Langsa	150	82	Gang Rajawali Timur No. 4	A-	Pak Budi
32	30 C0030	Kimia	Dewi Budiman		59	46	87	71	57	48	71	11/18/2022	61	62,225	C	4/2/2005	Samarinda	180	86	Jl. Medokan Ayu No. 73	A-	Pak Budi
33	31 A0031	Matematika	Koko Suartini		75	60	55	74	91	65	81	No	81	69,6	C	11/25/2004	Lubuklinggau	175	87	Jl. Moch. Taha No. 97	O+	Bu Dwi
34	32 E0032	Statistika	Bakianto Tarihoran		95	48	88	61	91	88	82	11/30/2022	72	79,275	B	12/7/2003	Palangkaraya	151	50	Jl. Sadang Serang No. 60	B+	Bu Made

Bottom navigation: Cara, Main, Soal, Visualisasi, Detail, Absen, Helper, Dosen, +

Sheet Soil

Sheet Visualisasi

File Home Insert Draw Page Layout Formulas Data Review View Developer Help

B3 =AVERAGEIF(Main!\$C\$3:\$C\$1002;Visualisasi!A3;Main!\$G\$3:\$G\$1002)

Jurusan	Rata - Rata UTS
Aktuaria	65,1
Biologi	62,3
Fisika	62,8
Kimia	63,7
Matematika	63,8
Statistika	62,2

Jurusan	Jumlah Ujian 2
Aktuaria	9493
Biologi	10745
Fisika	9022
Kimia	9966
Matematika	9119
Statistika	8949

Jurusan	Rata-Rata Ujian 3	Rata - Rata Ujian 4	Selisih
Aktuaria	62,13	73,52	11,39
Biologi	62,49	70,22	7,72
Fisika	63,11	71,93	8,82
Kimia	62,06	72,76	10,70
Matematika	62,68	71,37	8,69
Statistika	62,36	73,31	10,95

Rata - Rata UTS

Jurusan	Rata - Rata UTS
Aktuaria	65,1
Biologi	62,3
Fisika	62,8
Kimia	63,7
Matematika	63,8
Statistika	62,2

Jumlah Ujian 2

Jurusan	Jumlah Ujian 2
Aktuaria	9493
Biologi	10745
Fisika	9022
Kimia	9966
Matematika	9119
Statistika	8949

Rata-Rata Ujian 3 vs Ujian 4

Jurusan	Rata - Rata Ujian 4	Rata - Rata Ujian 3
Statistika	73,31	62,36
Matematika	71,37	62,68
Kimia	72,76	62,06
Fisika	71,93	63,11
Biologi	70,22	62,49
Aktuaria	73,52	62,13

Cara Main Soal Visualisasi Detail Absen Helper Dosen +

Sheet Absen

Comments Share

C3 =MONTH(B3)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	ID	Tanggal Absen	Bulan																				
2	B0761	10/29/2022	10																				
3	A0051	7/29/2022	7																				
4	D0005	7/29/2022	7																				
5	D0477	8/29/2022	8																				
6	B0748	8/22/2022	8																				
7	B0132	7/13/2022	7																				
8	A0026	9/7/2022	9																				
9	B0226	7/11/2022	7																				
10	C0788	10/27/2022	10																				
11	E0310	9/10/2022	9																				
12	F0307	9/3/2022	9																				
13	A0213	10/24/2022	10																				
14	C0481	10/23/2022	10																				
15	F0471	11/6/2022	11																				
16	E0492	9/8/2022	9																				
17	D0001	10/21/2022	10																				
18	B0343	8/13/2022	8																				
19	C0290	9/23/2022	9																				
20	A0775	9/30/2022	9																				
21	C0577	12/3/2022	12																				
22	B0155	10/31/2022	10																				
23	E0520	7/28/2022	7																				
24	F0802	11/6/2022	11																				
		8/16/2022																					

Cara Main Soal Visualisasi Detail Absen Helper Dosen +

Sheet Detail

Microsoft Excel ribbon interface showing the Home tab selected. The status bar at the bottom shows tabs: Cara, Main, Soal, Visualisasi, Detail (selected), Absen, Helper, Dosen, and a plus sign.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tanggal Lahir	Golongan Darah	Tinggi Badan	Berat Badan	Alamat	Kota	Code	Nama						
2	5/8/2003	A-		180	55 Jalan Pasteur No. 97	Padang	E0998	Ade Astuti						
3	12/18/2003	A-		162	82 Jl. Rungkut Industri No. 10	Denpasar	E0806	Adiarja Sihotang						
4	3/4/2003	A-		150	47 Gang Rajawali Timur No. 36	Padang	F0901	Adika Prastuti						
5	1/19/2004	A-		158	82 Jl. Rungkut Industri No. 5	Pontianak	F0015	Adinata Permata						
6	12/6/2002	A-		176	90 Jl. Sadang Serang No. 14	Salatiga	F0867	Aditya Pangestu						
7	10/8/2003	A-		165	69 Jalan M.H Thamrin No. 47	Tangerang	A0301	Akarsana Lestari						
8	10/28/2002	A-		152	93 Jalan Sentot Alibasa No. 39	Cilegon	B0467	Anita Suryatmi						
9	7/29/2004	A-		176	47 Gang K.H. Wahid Hasyim No. 25	Depok	A0394	Anita Tamba						
10	5/5/2001	A-		176	61 Jl. Astana Anyar No. 2	Pagaralam	E0366	Argono Wastuti						
11	1/28/2004	A-		154	71 Gang HOS. Cokroaminoto No. 41	Prabumulih	B0960	Aris Purnawati						
12	10/23/2004	A-		180	76 Jl. Kutisari Selatan No. 43	Batam	B0066	Arsipatra Lailasari						
13	7/30/2001	A-		176	60 Jl. Wonoayu No. 03	Surabaya	A0500	Arsipatra Prasetya						
14	5/12/2002	A-		154	80 Jl. Bangka Raya No. 31	Kota Administrasi Jakarta Barat	E0183	Artawan Sitorus						
15	11/1/2004	A-		163	92 Gang Medokan Ayu No. 10	Salatiga	F0095	Bagiya Damanik						
16	5/30/2003	A-		168	51 Jl. Kutai No. 6	Lhokseumawe	B0351	Bagus Namaga						
17	11/14/2001	A-		150	82 Gang Rajawali Timur No. 4	Langsa	C0029	Banawi Laksita						
18	6/22/2001	A-		153	53 Jalan Waringin No. 6	Padang Sidempuan	B0515	Betania Fujiati						
19	1/22/2005	A-		165	57 Jl. Setiabudhi No. 18	Medan	D0447	Cahya Halimah						
20	3/27/2004	A-		152	95 Jl. Pasirkoja No. 3	Denpasar	E0322	Candrakanta Wijayanti						
21	7/5/2001	A-		159	83 Jl. Ahmad Yani No. 72	Bukittinggi	C0907	Carla Padmasari						
22	3/31/2004	A-		154	61 Jl. BKR No. 67	Langsa	B0193	Carub Mansur						
23	3/4/2005	A-		164	60 Jl. M.H Thamrin No. 98	Gorontalo	B0770	Cayadi Halimah						
24	12/27/2003	A-		167	59 Gang Peta No. 79	Lubuklinggau	B0720	Cengkal Anggraini						
25	3/26/2005	A-		156	100 C. Kuta No. 10		A0601	Glenda Alia						

Sheet Dosen

The screenshot shows a Microsoft Excel spreadsheet titled "No Urut". The data is organized into two main sections: a header table and a list of students.

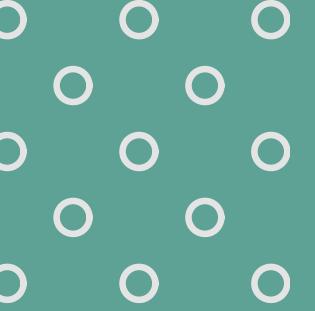
Header Table:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	No Urut																						
2	Jurusan	1	251	501	751																		
3	Matematika	Bu Dwi	Pak Budi	Bu Made	Pak Krisna	39	32	43	46														
4	Fisika	Pak Krisna	Bu Ratna	Pak Andi	Pak Budi	34	28	56	42														
5	Kimia	Pak Budi	Bu Made	Bu Dwi	Pak Andi	35	55	42	39														
6	Biologi	Bu Ratna	Pak Andi	Pak Krisna	Bu Made	46	49	39	52														
7	Statistika	Bu Made	Bu Dwi	Pak Budi	Bu Ratna	48	42	37	33														
8	Aktuaria	Pak Andi	Pak Krisna	Bu Ratna	Bu Dwi	48	44	33	38														

List of Students:

9																						
10																						
11																						
12																						
13																						
14	Pak Budi																					
15	Pak Krisna	163																				
16	Bu Dwi	161																				
17	Pak Budi	146																				
18	BU Ratna	140																				
19	BU Made	198																				
20	Pak Andi	192																				
21																						
22																						
23																						
24																						
25																						
26																						
27																						

Below the table, there is a navigation bar with tabs: Cara, Main, Soal, Visualisasi, Detail, Absen, Helper, **Dosen**, and a plus sign icon. The formula bar at the top shows the current cell is B15 and the formula is =F3+G7+H5+I8.



Project 3

“Superstore Data Dashboard”

To view the detailed formulas used in Excel, please access
the following link :

<https://tinyurl.com/visualizationdatasuperstore>



Superstore Data Dashboard

In this project, data from a Superstore will be processed, analyzed, and visualized to facilitate gaining insights from the data.

Here is the description of the data :

Column Name	Description
Order No	Nomor pembelian
Order Date	Tanggal pembelian
Order Year	Tahun pembelian
Customer Name	Nama pelanggan
Address	Alamat pelanggan
City	Kota pelanggan
Customer Type	Tipe pelanggan
Account Manager ID	Manager
Order Priority	Prioritas pembelian
Product Name	Nama produk
Product Category	Kategori produk
Product Container	Packing produk
Ship Mode	Pengiriman
Ship Date	Tanggal pengiriman
Cost Price	Biaya produksi
Retail Price	Harga penjualan
Profit Margin	Keuntungan
Order Quantity	Jumlah pembelian
Sub Total	Total pembelian
Discount %	Diskon dalam persentase
Discount Rp	Diskon dalam mata uang
Order Total	Total keseluruhan dengan diskon
Shipping Cost	Biaya pengiriman
Total	Total yang dibayarkan

Sheet Data

Screenshot of Microsoft Excel showing the "Home" tab selected. The ribbon menu includes File, Home, Insert, Draw, Page Layout, Formulas, Data, Review, View, Developer, and Help. The ribbon also features a "Comments" button and a "Share" button.

The "Clipboard" group contains Paste, Cut, Copy, and Format Painter buttons. The "Font" group includes Calibri font, font size 11, bold (B), italic (I), underline (U), and font color (A). The "Text" group has Wrap Text, Alignment, and Number buttons. The "Styles" group includes Conditional Formatting, Format as Table, Cell Styles, Insert, Delete, and Format buttons. The "Editing" group contains AutoSum, Fill, Sort & Filter, and Add-ins buttons. The "Add-ins" section shows the "Data" tab selected.

The formula bar shows the current cell as S7 and the formula =R7*P7.

The main content area displays a table titled "Superstore Data". The table has 38 rows and 25 columns. The columns are labeled A through Z. Row 1 contains the column headers. Row 2 contains row numbers. Row 3 contains the primary data headers. Rows 4 through 38 contain individual data entries.

Superstore Data																								
Order #	Order Date	Order Year	Customer Name	Address	City	Customer Type	Account Manager	Order Priority	Product Name	Product Category	Product Contact	Ship Mode	Ship Date	Cost Price	Retail Price	Profit Margin	Order Quantity	Sub Total	Detail					
5014-1	5/26/2016	2016	Wawan Riyanti	Jl. Antapani Lama No. 705	Jakarta	Home Office	E1028	High	Artisan Heavy-Duty EZD Binder With Locking Rings	Office Supplies	Small Box	Regular Air	5/27/2016	52.800	83.700	30.900	29	2.427.300						
5016-1	5/26/2016	2016	Aditya Nainggolan	Jl. Surapati No. 996	Jakarta	Home Office	E1029	High	DrawIt Pizazz Watercolor Pencils, 10-Color Set with Brush	Office Supplies	Wrap Bag	Regular Air	5/27/2016	35.850	63.900	28.050	29	1.853.100						
5018-1	5/27/2016	2016	Rafid Sudjati	Jalan K.H. Wahid Hasyim No. 5	Surabaya	Corporate	E1030	Critical	Message Book, One Form per Page	Office Supplies	Wrap Bag	Express Air	5/29/2016	36.150	55.650	19.500	42	2.337.300						
5019-1	5/28/2016	2016	Pangestu Maulana	Gg. Joyoboyo No. 026	Jakarta	Home Office	E1028	High	Cando S750 Color Inkjet Printer	Technology	Jumbo Drum	Delivery Truck	5/30/2016	1.125.000	1.814.550	689.550	6	10.887.300						
5020-1	5/29/2016	2016	Pangestu Hariyah	Gg. Surapati No. 4	Surabaya	Consumer	E1031	Critical	Steady EarthWrite Recycled Pencils, Medium Soft, #2	Office Supplies	Wrap Bag	Regular Air	5/30/2016	13.500	31.500	18.000	17	535.500						
5023-1	6/1/2016	2016	Nilam Suwarno	Gg. Joyoboyo No. 026	Jakarta	Home Office	E1028	Low	12 Colored Short Pencils	Office Supplies	Wrap Bag	Regular Air	6/6/2016	16.350	39.000	22.650	47	1.833.000						
5024-1	6/2/2016	2016	Endra Hutapea	Gg. Joyoboyo No. 691	Surabaya	Corporate	E1032	Critical	Multimedia Mailers	Office Supplies	Small Box	Regular Air	6/4/2016	1.490.850	2.443.950	953.100	32	78.206.400						
5025-1	6/4/2016	2016	Embuhan Wibisono	Jalan Ciwastra No. 383	Surabaya	Consumer	E1032	Critical	Pizazz Dustless Chalk Sticks	Office Supplies	Wrap Bag	Regular Air	6/6/2016	16.350	25.200	8.850	33	831.600						
5027-1	6/6/2016	2016	Unggul Zulaika	Jl. Jend. Sudirman No. 0	Surabaya	Small Business	E1030	Not Specified	TypeRight Side-Opening Peel & Seal Expanding Envelopes	Office Supplies	Small Box	Regular Air	6/7/2016	814.350	1.357.200	542.850	8	10.857.600						
5029-1	6/7/2016	2016	Gina Rajata	Gang Gedebage Selatan No. 424	Surabaya	Corporate	E1033	Not Specified	Artisan Printable Repositionable Plastic Tabs	Office Supplies	Small Box	Regular Air	6/7/2016	79.950	129.000	49.050	48	6.192.000						
5031-1	6/9/2016	2016	Opung Kuswoyo	Gg. Otto Iskandardinata No. 6	Jakarta	Corporate	E1029	Medium	Security-Tint Envelopes	Office Supplies	Small Box	Regular Air	6/11/2016	73.350	114.600	41.250	18	2.062.800						
5033-1	6/9/2016	2016	Rafi Januar	Gg. Waringin No. 112	Surabaya	Corporate	E1034	Medium	TypeRight Side-Opening Peel & Seal Expanding Envelopes	Office Supplies	Small Box	Regular Air	6/11/2016	814.350	1.357.200	542.850	3	4.071.600						
5034-1	6/10/2016	2016	Ajimat Hutapea	Jl. Dipenogoro No. 422	Surabaya	Corporate	E1032	High	Artisan Arch Ring Binders	Office Supplies	Small Box	Regular Air	6/10/2016	540.300	871.500	331.200	50	43.575.000						
5036-1	6/19/2016	2016	Rafi Anggriawan	Gg. Stasiun Wonokromo No. 0	Jakarta	Corporate	E1028	Critical	OIC Thumb-Tacks	Office Supplies	Wrap Bag	Regular Air	6/22/2016	10.650	17.100	6.450	50	855.000						
5037-1	6/23/2016	2016	Balamantri Mandala	Gang Sadang Serang No. 74	Surabaya	Home Office	E1035	Critical	Apex Elite Stainless Steel Scissors	Office Supplies	Small Pack	Regular Air	6/25/2016	51.300	125.100	73.800	16	2.001.600						
5038-1	6/25/2016	2016	Gaduh Hassanah	Gg. Otto Iskandardinata No. 6	Jakarta	Corporate	E1029	Low	OIC Thumb-Tacks	Office Supplies	Wrap Bag	Regular Air	6/25/2016	10.650	17.100	6.450	38	649.800						
5039-1	6/27/2016	2016	Bagya Permadji	Jalan Jamika No. 4	Surabaya	Corporate	E1033	Medium	Alto Parchment Paper, Assorted Colors	Office Supplies	Small Box	Regular Air	6/28/2016	68.850	109.200	40.350	22	2.402.400						
5040-1	6/28/2016	2016	Labuh Permata	Jalan Jend. A. Yani No. 48	Surabaya	Small Business	E1036	Low	Steady Colorific Colored Pencils, 12/Box	Office Supplies	Wrap Bag	Regular Air	7/2/2016	19.500	43.200	23.700	48	2.073.600						
5043-1	7/5/2016	2016	Lantar Yuliarti	Jl. Astana Anyar No. 51	Surabaya	Small Business	E1031	High	Smiths Gold Paper Clips	Office Supplies	Wrap Bag	Regular Air	7/8/2016	27.300	44.700	17.400	22	983.400						
5045-1	7/8/2016	2016	Darijan Pratiwi	Gang Otto Iskandardinata No. 1	Surabaya	Consumer	E1037	Not Specified	UGen RF Keyboard	Technology	Small Box	Regular Air	7/10/2016	1.223.850	2.399.850	1.176.000	30	71.995.500						
5047-1	7/9/2016	2016	Ami Utami	Jl. S. Parman No. 91	Surabaya	Home Office	E1034	Low	Artisan Printable Repositionable Plastic Tabs	Office Supplies	Small Box	Regular Air	7/16/2016	79.950	129.000	49.050	37	4.773.000						
5048-1	7/9/2016	2016	Citra Riyanti	Jalan Jend. A. Yani No. 48	Surabaya	Small Business	E1036	Medium	Smiths Standard Envelopes	Office Supplies	Small Box	Regular Air	7/9/2016	52.800	85.200	32.400	24	2.044.800						
5049-1	7/12/2016	2016	Aris Ardianto	Gg. Suniaraja No. 21	Surabaya	Corporate	E1031	Not Specified	Office Shears by Apex	Office Supplies	Small Pack	Regular Air	7/13/2016	14.100	31.200	17.100	4	124.800						
5050-1	8/1/2016	2016	Kenes Nababan	Gg. M.H Thamrin No. 784	Jakarta	Corporate	E1029	Not Specified	Artisan Printable Repositionable Plastic Tabs	Office Supplies	Small Box	Regular Air	8/2/2016	79.950	129.000	49.050	36	4.644.000						
5052-1	8/2/2016	2016	Cindy Maryati	Gg. Jakarta No. 646	Jakarta	Small Business	E1029	Not Specified	EcoTones Memo Sheets	Office Supplies	Wrap Bag	Regular Air	8/4/2016	37.800	60.000	22.200	31	1.860.000						
5055-1	8/9/2016	2016	Prakosa Budiman	Gg. Dr. Djunjungan No. 33	Surabaya	Home Office	E1032	High	Smiths Premium Bright 1-Part Blank Computer Paper	Office Supplies	Small Box	Express Air	8/10/2016	114.150	184.200	70.050	29	5.341.800						
5057-1	8/10/2016	2016	Padma Nugroho	Gg. Monginsidi No. 3	Jakarta	Corporate	E1029	Medium	Artisan 479 Labels	Office Supplies	Small Box	Regular Air	8/12/2016	23.850	39.150	15.300	9	352.350						
5059-1	8/10/2016	2016	Ani Maryadi	Gang Soekarno Hatta No. 2	Surabaya	Corporate	E1038	Medium	Beekin 105-Key Black Keyboard	Technology	Small Box	Regular Air	8/10/2016	95.850	299.700	203.850	7	2.097.900						
5060-1	8/12/2016	2016	Bakidin Angraini	Jl. Rumah Sakit No. 738	Jakarta	Corporate	E1028	Medium	Adesso Programmable 142-Key Keyboard	Technology	Small Box	Express Air	8/13/2016	480.300	2.287.200	1.806.900	16	36.595.200						
5061-1	8/12/2016	2016	Koko Setiawan	Gang Yos Sudarso No. 13	Surabaya	Small Business	E1039	Not Specified	Smiths Premium Bright 1-Part Blank Computer Paper	Office Supplies	Small Box	Regular Air	8/14/2016	114.150	184.200	70.050	27	4.973.400						
5062-1	8/12/2016	2016	Teddy Yuniar	Jl. Jend. Sudirman No. 0	Surabaya	Consumer	E1030	Not Specified	TechSavi Access Keyboard	Technology	Small Box	Regular Air	8/14/2016	151.050	239.700	88.650	39	9.348.300						
5063-1	8/13/2016	2016	Narji Wastuti	Gg. Joyoboyo No. 026	Jakarta	Corporate	E1028	Not Specified	Smiths SlimLine Pencil Sharpener	Office Supplies	Small Pack	Regular Air	8/15/2016	71.850	179.550	107.700	7	1.256.850						
5064-1	8/14/2016	2016	Ami Maheswara	Jl. Rumah Sakit No. 738	Jakarta	Home Office	E1028	Not Specified	Artisan Premier Heavy-Duty Binder with Round Locking Rings	Office Supplies	Small Box	Regular Air	8/15/2016	130.650	214.200	83.550	42	8.996.400						
5066-1	8/14/2016	2016	Pandu Mustofa	Gang Asia Afrika No. 72	Surabaya	Small Business	E1037	Critical	TypeRight Side-Opening Peel & Seal Expanding Envelopes	Office Supplies	Small Box	Regular Air	8/15/2016	814.350	1.357.200	542.850	15	20.358.000						
5068-1	8/15/2016	2016	Ganep Waluyo	Jl. Jamika No. 246	Surabaya	Small Business	E1038	Critical	Smiths Standard Envelopes	Office Supplies	Small Box	Regular Air	8/17/2016	52.800	85.200	32.400	20	1.704.000						

Supporting Pivot Table for the Dashboard

Screenshot of Microsoft Excel showing a Pivot Table for a dashboard. The Pivot Table is divided into three main sections: Product Category, Order Year, and Region.

Product Category (All) Section:

	Row Labels	Sum of Order Quantity
Jan		2.059
Feb		2.451
Mar		2.140
Apr		1.813
May		2.079
Jun		1.955
Jul		1.754
Aug		2.319
Sep		2.298
Oct		2.437
Nov		2.148
Dec		2.566
Grand Total		26.019

Order Year (All) Section:

	Row Labels	Sum of Order Quantity
Furniture		544
Office Supplies		20.529
Technology		4.946
Grand Total		26.019

Region Section:

	Row Labels	Sum of Total Revenue
Emerson LQ-87		350.549.598
3Max Polarizin		378.886.680
Economy Rolla		404.409.600
Deluxe Rollawa		504.420.852
Multimedia Ma		640.877.009
UGen Ultra Prc		792.800.126
Adesso Progra		942.669.480
Emerson Stylus		1.003.192.425
HFX LaserJet 3		2.777.983.700
Cando PC940 C		3.051.067.197
Grand Total		10.846.856.666

Region Section (Continued):

	Row Labels	Sum of Total Revenue2	Sum of Total Revenue
Jan		1.268.432.552	1.268.432.552
Feb		1.260.495.873	1.260.495.873
Mar		1.299.033.629	1.299.033.629
Apr		1.045.165.899	1.045.165.899
May		2.020.724.885	2.020.724.885
Jun		824.002.295	824.002.295
Jul		1.482.200.907	1.482.200.907
Aug		1.394.865.727	1.394.865.727
Sep		2.120.997.789	2.120.997.789
Oct		564.773.177	564.773.177
Nov		1.816.768.343	1.816.768.343
Dec		1.414.550.307	1.414.550.307
Grand Total		16.512.011.380	16.512.011.380

The Pivot Table has three rows of context filters at the top: Product Category (All), Order Year (All), and Region. The Pivot Table is located on the "Pivot Table Minitask" tab of the ribbon.

Dashboard Interaktif

Comments Share

Cut Copy Format Painter Paste

Font Alignment Number Styles Cells Editing Add-ins

General Wrap Text Merge & Center Conditional Formatting Format as Table Cell Insert Delete Format Sort & Filter Find & Select Clear

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A B C D E F G H I J K L M N O P Q R S T U V W

Order Year: 2016, 2017, 2018, 2019, 2020

Product Category: Furniture, Office Supplies, Technology

Ship Mode: Delivery Truck, Express Air, Regular Air

Dashboard Superstore Data

Furniture: 544 (All)

Office Supplies: 20.529

Technology: 4.946

by: Saffa Rahmatullah

Total Order Quantity Perbulan

Bar chart showing monthly order quantities from January to December.

Bulan	Jumlah Pesanan
Jan	2.100
Feb	2.400
Mar	2.100
Apr	1.900
May	2.000
Jun	1.900
Jul	1.800
Aug	2.200
Sep	2.200
Oct	2.400
Nov	2.100
Dec	2.500

Persen Total Order Quantity Costumer Type

Pie chart showing the percentage distribution of total order quantity by customer type.

Konsumen	Persentase
Consumer	21,71%
Corporate	34,84%
Home Office	24,91%
Small Business	18,54%

Total Revenue Perbulan

Line chart showing monthly revenue from January to December.

Bulan	Pendapatan
Jan	1.500
Feb	1.500
Mar	1.500
Apr	1.500
May	2.000
Jun	1.500
Jul	1.800
Aug	1.800
Sep	2.000
Oct	1.500
Nov	2.000
Dec	1.500

Top 10 Revenue Product Name

Produk	Pendapatan
Cando PC940 Copier	1.500
HFX LaserJet 3310 Copier	1.400
Emerson Stylus 1520 Color Inkjet Printer	1.200
Adesso Programmable 142-Key Keyboard	1.100
UGen Ultra Professional Cordless Optical Suite	1.000
Multimedia Mailers	900
Deluxe Rollaway Locking File with Drawer	800
Economy Rollaway Files	700
3Max Polarizing Task Lamp with Clamp Arm, Light Gray	600
Emerson LQ-870 Dot Matrix Printer	500

Description Data Helper Pivot Table Minitask Dashboard Minitask Insight +

Insight from the Data

1. Based on the total order quantity per month graph, it is evident that December has the highest total order quantity overall, totaling 2,566.
2. According to the total revenue graph, September has the highest total revenue compared to other months, amounting to 2,120,997,789.
3. From the percentage total order quantity by customer type graph, it is apparent that the corporate customer type has the highest percentage of total order quantity, amounting to 34.84%.
4. Referring to the top 10 revenue graph based on product names, it is observed that the product name Cando PC940 Copier ranks first with a total revenue of 3,051,067,197.

Thank You

Let's Connect



saffarahmatullah@gmail.com



<https://linkedin.com/in/saffarahmatullah>



<https://github.com/RSaff>