



Portofolio Saya

Keterampilan & Proyek Unggulan

[Maulana Krisna Bayu Pratama]



Tentang Saya

Saya Maulana Krisna Bayu Pratama, Data Analyst yang antusias dengan pekerjaan di bidang data. Dengan pengalaman menganalisis banyak dataset dan membuat dashboard interaktif, saya percaya data yang disajikan dengan jelas bisa mendorong keputusan bisnis yang lebih baik.

Hard Skill + Soft Skill

Hard Skill



- **SQL**

Query dan manipulasi data dari database

- **Python**

Pandas, NumPy, Matplotlib, Seaborn

- **Excel**

Analisis data dan visualisasi lanjutan

- **Looker / Power BI / Tableau**

Dashboard interaktif dan visualisasi

- **PowerPoint / Canva**

Membuat presentasi profesional, dashboard visual, dan infografis

- **HTML**

Struktur dasar halaman web yang semantik dan responsif

- **CSS**

Desain visual, layout modern, dan animasi interaktif

- **JavaScript**

Interaktivitas, manipulasi DOM, dan integrasi API

Soft Skill



Problem Solving

Saya percaya data hanya bernilai jika bisa diterima dan dimengerti. Saya terbiasa bekerja dalam tim, menyampaikan temuan secara efektif, dan mencari solusi berbasis data.



Komunikasi

Saya percaya data hanya bernilai jika bisa diterima dan dimengerti. Saya terbiasa bekerja dalam tim, menyampaikan temuan secara efektif, dan mencari solusi berbasis data.



Komunikasi, Kolaborasi &

Saya percaya data hanya bernilai jika bisa diterima dan dimengerti. Saya terbiasa bekerja dalam tim, menyampaikan temuan secara efektif, dan mencari solusi berbasis data.

Proyek Yang Sudah Dibuat !!!

Project Iklan Web Analytics Dashboard

- Mengolah dataset mentah dari log klik iklan & data pengguna.
- Identifikasi wilayah & demografi dengan menggunakan pivot tabel.
- Menganalisis Pola Demografi & Geografis Pengguna.

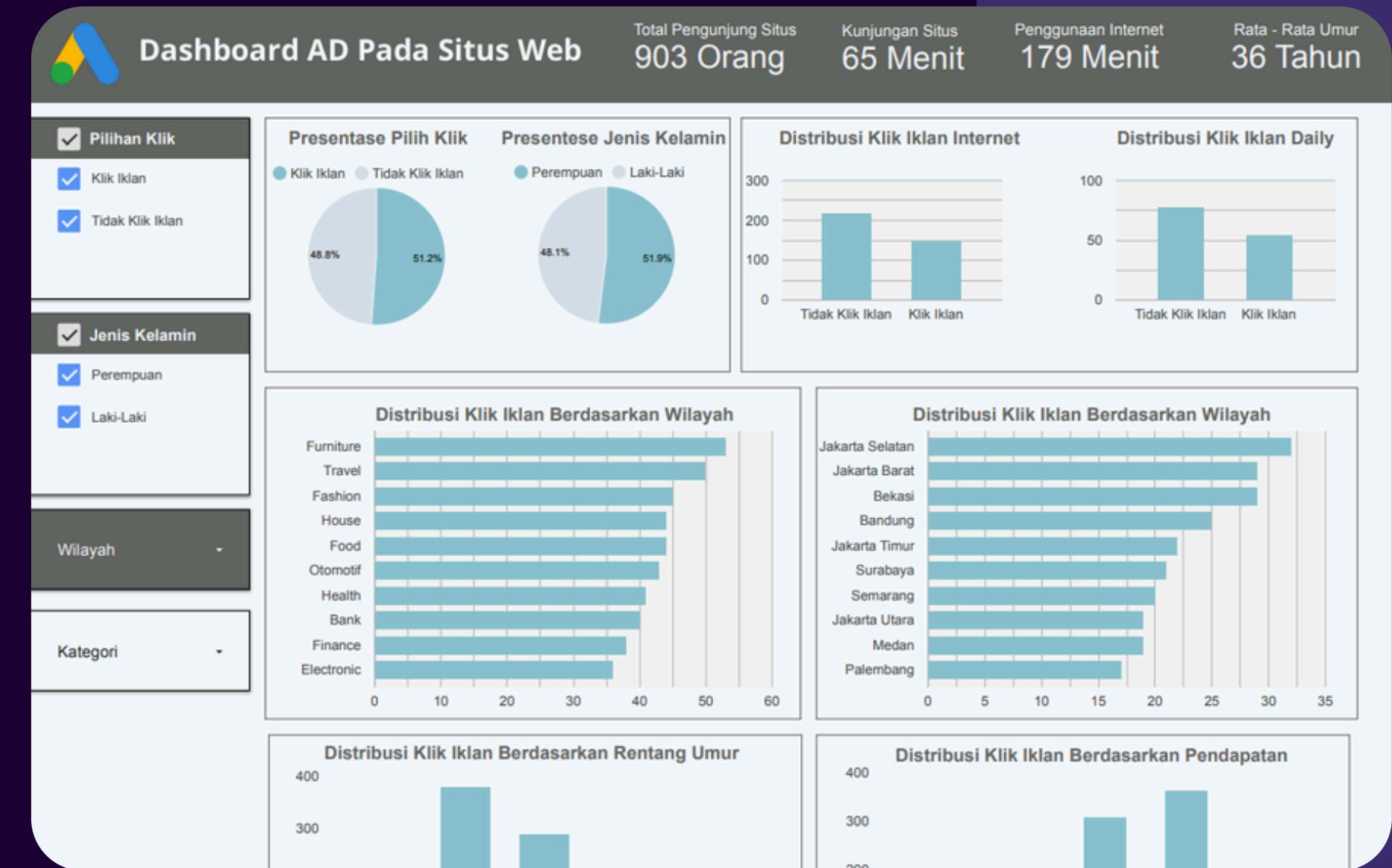
[Klik File XLSX](#)

	Daily Time Spent on Site	Age	Age Range	Area Income	Daily Income
0	69 Menit	35	26-35	Rp.432.837 Juta	
2	69 Menit	26	26-35	Rp.418.502 Juta	
3	74 Menit	29	26-35	Rp.383.643 Juta	
5	60 Menit	23	19-25	Rp.418.331 Juta	
6	89 Menit	33	26-35	Rp.376.970 Juta	
7	66 Menit	48	46-55	Rp.172.153 Juta	
8	75 Menit	30	26-35	Rp.482.034 Juta	
9	75 Menit	20	19-25	Rp.389.496 Juta	
10	48 Menit	49	46-55	Rp.319.428 Juta	
11	83 Menit	37	36-45	Rp.437.437 Juta	
12	70 Menit	48	46-55	Rp.361.458 Juta	
13	80 Menit	24	19-25	Rp.362.177 Juta	
14	43 Menit	33	26-35	Rp.216.832 Juta	
15	63 Menit	23	19-25	Rp.365.276 Juta	
16	55 Menit	37	36-45	Rp.167.558 Juta	
17	82 Menit	41	36-45	Rp.500.578 Juta	
19	75 Menit	40	36-45	Rp.166.752 Juta	
20	77 Menit	30	26-35	Rp.453.616 Juta	
21	85 Menit	35	26-35	Rp.420.109 Juta	
22	41 Menit	52	46-55	Rp.228.450 Juta	
23	87 Menit	36	36-45	Rp.431.401 Juta	
26	49 Menit	28	26-35	Rp.266.470 Juta	
27	52 Menit	52	46-55	Rp.408.071 Juta	

Klik iya pada Ads		Jumlah Klik iklan dan Rentang Umur	
Row Labels	Count of Clicked on Ad	Row Labels	Count of Clicked on Ad
Klik Iklan	51%	19-25	20
Tidak Klik Iklan	49%	26-35	121
Jumlah Interaksi Iklan dan Durasi Penggunaan Situs		187	
Row Labels	Count of Clicked on Ad	Row Labels	Count of Clicked on Ad
Laki-Laki	48%	36-45	117
Perempuan	52%	46-55	17
56+		17	
Rata - rata Interaksi Iklan dan Durasi Penggunaan Situs		Jumlah Klik iklan dan Lokasi	
Column Labels		Row Labels	Count of Clicked on Ad
Klik Iklan		Bali	7
Tidak Klik Iklan		Banten	44
Average of Daily Time Spent on Site	53 Menit	Daerah Khusus Ibukota Jakarta	107
	77 Menit	Jawa Barat	110
Rata - rata Interaksi Iklan dan Durasi Penggunaan Internet		Jawa Tengah	22
Column Labels		Jawa Timur	36
Klik Iklan		Kalimantan Barat	5
Tidak Klik Iklan		Kalimantan Selatan	12
Average of Daily Internet Usage	144 Menit	Kalimantan Timur	10
	216 Menit	Kepulauan Riau	15
		Lampung	14
		Riau	12
		Sulawesi Selatan	15
		Sumatra Barat	11
		Sumatra Selatan	20
		Sumatra Utara	22
		Bali	7
		Banten	44
		Daerah Khusus Ibukota Jakarta	107
		Jawa Barat	110
		Jawa Tengah	22

Project Iklan Web Analytics Dashboard

- Dashboard interaktif dengan filter dinamis
- Membuat visualisasi interaktif untuk mengidentifikasi tren & segmentasi audiens.
- Menyajikan insight berbasis wilayah, usia, jenis kelamin, dan pendapatan



[Klik Gambar](#)

[Klik Looker Studio](#)

Analisis Populasi Dunia dan Kelompok Pendapatan (2014–2023)

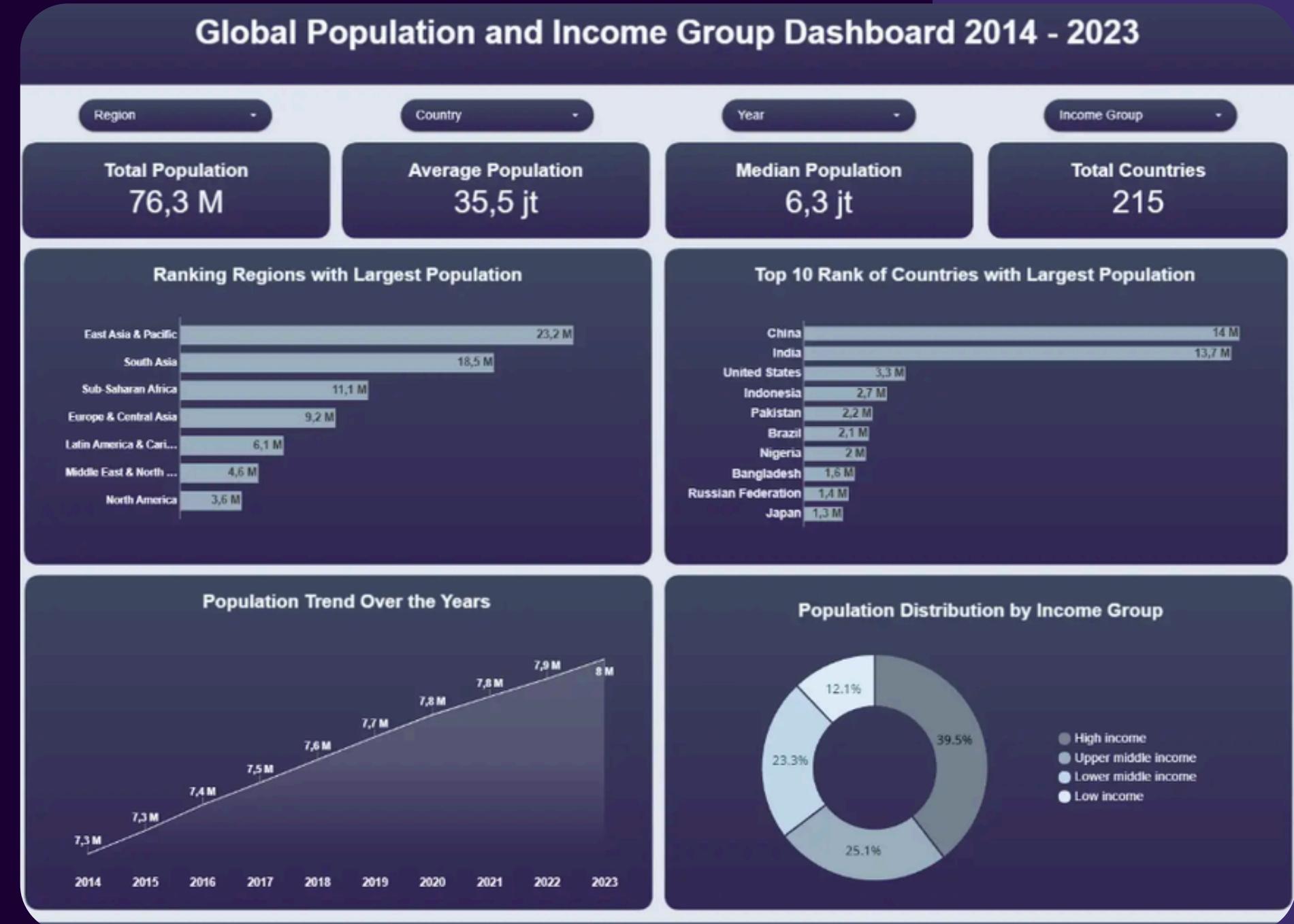
- Mengolah Dataset World Bank Global dari Sumber Publik.
- Membuat Struktur Data Berdasarkan Income Group dan Region.
- Menganalisis Pola Demografi & Geografis Pengguna.

A	B	C	D	E	F	G	H	I	
1	ID	Country	Country Code	Indicator Name	Indicator Code	Tahun	Population	Income Group	Pendapatan.Region
2	1	Aruba	ABW	Population, total	SP.POP.TOTL	2014	106626	High income	Latin America & Caribbean
3	2	Aruba	ABW	Population, total	SP.POP.TOTL	2015	106122	High income	Latin America & Caribbean
4	3	Aruba	ABW	Population, total	SP.POP.TOTL	2016	105707	High income	Latin America & Caribbean
5	4	Aruba	ABW	Population, total	SP.POP.TOTL	2017	105415	High income	Latin America & Caribbean
6	5	Aruba	ABW	Population, total	SP.POP.TOTL	2018	105150	High income	Latin America & Caribbean
7	6	Aruba	ABW	Population, total	SP.POP.TOTL	2019	104951	High income	Latin America & Caribbean
8	7	Aruba	ABW	Population, total	SP.POP.TOTL	2020	105254	High income	Latin America & Caribbean
9	8	Aruba	ABW	Population, total	SP.POP.TOTL	2021	106017	High income	Latin America & Caribbean
10	9	Aruba	ABW	Population, total	SP.POP.TOTL	2022	106858	High income	Latin America & Caribbean
11	10	Aruba	ABW	Population, total	SP.POP.TOTL	2023	107773	High income	Latin America & Caribbean
12	11	Afghanistan	AFG	Population, total	SP.POP.TOTL	2014	32716210	Low income	South Asia
13	12	Afghanistan	AFG	Population, total	SP.POP.TOTL	2015	33753499	Low income	South Asia
14	13	Afghanistan	AFG	Population, total	SP.POP.TOTL	2016	34636207	Low income	South Asia
15	14	Afghanistan	AFG	Population, total	SP.POP.TOTL	2017	35643418	Low income	South Asia
16	15	Afghanistan	AFG	Population, total	SP.POP.TOTL	2018	36686784	Low income	South Asia
17	16	Afghanistan	AFG	Population, total	SP.POP.TOTL	2019	37769499	Low income	South Asia
18	17	Afghanistan	AFG	Population, total	SP.POP.TOTL	2020	38972230	Low income	South Asia
19	18	Afghanistan	AFG	Population, total	SP.POP.TOTL	2021	40099462	Low income	South Asia
20	19	Afghanistan	AFG	Population, total	SP.POP.TOTL	2022	41128771	Low income	South Asia
21	20	Afghanistan	AFG	Population, total	SP.POP.TOTL	2023	42239854	Low income	South Asia
22	21	Angola	AGO	Population, total	SP.POP.TOTL	2014	27128337	Lower middle income	Sub-Saharan Africa
23	22	Angola	AGO	Population, total	SP.POP.TOTL	2015	28127721	Lower middle income	Sub-Saharan Africa
24	23	Angola	AGO	Population, total	SP.POP.TOTL	2016	29154746	Lower middle income	Sub-Saharan Africa
25	24	Angola	AGO	Population, total	SP.POP.TOTL	2017	30208628	Lower middle income	Sub-Saharan Africa
26	25	Angola	AGO	Population, total	SP.POP.TOTL	2018	31273533	Lower middle income	Sub-Saharan Africa
27	26	Angola	AGO	Population, total	SP.POP.TOTL	2019	32353588	Lower middle income	Sub-Saharan Africa
28	27	Angola	AGO	Population, total	SP.POP.TOTL	2020	33428486	Lower middle income	Sub-Saharan Africa
29	28	Angola	AGO	Population, total	SP.POP.TOTL	2021	34503774	Lower middle income	Sub-Saharan Africa

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Analisis Populasi Dunia dan Kelompok Pendapatan (2014–2023)

- Mengolah Dataset World Bank Global dari Sumber Publik.
- Membuat Struktur Data Berdasarkan Income Group dan Region.
- Menganalisis Pola Demografi & Geografis Pengguna.



[Klik Gambar](#)

[Klik Looker Studio](#)

Analisis & Visualisasi Pasar Rumah AS

- Mengolah Dataset Properti AS dari Sumber Publik
- Menghitung Metric Penting untuk Evaluasi Pasar
- Menganalisis Pola Harga Berdasarkan Fitur Properti

[Klik File XLSX](#)

A screenshot of Microsoft Excel showing a dataset titled 'Maulana Krisna Bayu Pratama_Final Task 8_house_prediction fix - Excel'. The table contains 20 rows of data with columns labeled: month, price, bedrooms, bathrooms, sqft_living, sqft_lot, floors, and waterfront. The data shows various house prices and characteristics for different months in 2014.

month	price	bedrooms	bathrooms	sqft_living	sqft_lot	floors	waterfront
02/05/2014	May \$235.000	2	1,00	1210	9400	1,00	
02/05/2014	May \$242.500	3	1,50	1200	9720	1,00	
02/05/2014	May \$257.950	3	1,75	1370	5858	1,00	
02/05/2014	May \$260.000	4	2,00	1480	8625	1,00	
02/05/2014	May \$275.000	3	1,50	1180	10277	1,00	
02/05/2014	May \$284.000	3	1,75	1800	23103	1,00	
02/05/2014	May \$285.000	3	2,50	2090	10834	1,00	
02/05/2014	May \$287.200	3	3,00	1850	19966	1,00	
02/05/2014	May \$295.000	2	2,50	1630	1368	2,00	
02/05/2014	May \$300.000	3	2,50	2540	5050	2,00	
02/05/2014	May \$308.500	2	1,00	850	6174	1,00	
02/05/2014	May \$313.000	3	1,50	1340	7912	1,50	
02/05/2014	May \$315.000	3	1,00	1160	9180	1,00	
02/05/2014	May \$335.000	2	2,00	1350	2560	1,00	
02/05/2014	May \$335.000	3	2,25	1580	16215	1,00	
02/05/2014	May \$342.000	2	2,00	1020	11047	1,00	

A screenshot of Microsoft Excel showing a PivotTable titled 'Maulana Krisna Bayu Pratama_Final Task 8_house_prediction fix - Excel'. The PivotTable has three main sections: 'Bulan' (Month) on the left, 'Rating' in the middle, and 'Kota' (City) on the right. The 'Bulan' section shows the sum of price for May (\$934,949.054), June (\$1,153,244.180), and July (\$366,803.772). The 'Rating' section shows the count of conditions for each rating level (1, 2, 3, 4, 5). The 'Kota' section shows the count of cities for each city listed. Grand totals are provided for each section.

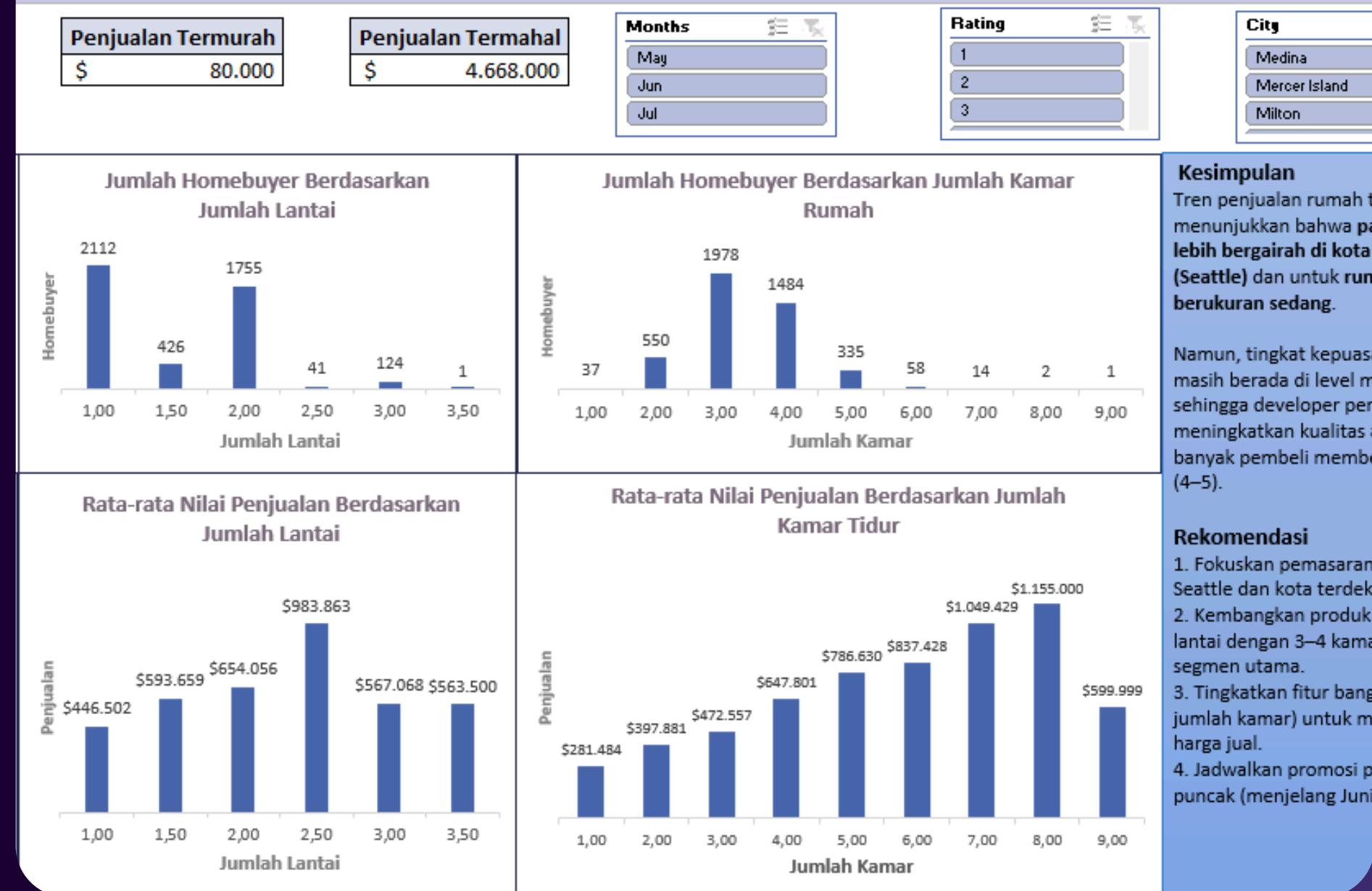
Bulan	Rating	Kota			
Row Labels	Sum of price	Row Labels	Count of condition	Row Labels	Count of city
3 May	\$934,949.054	1	5	Federal Way	142
4 Jun	\$1,153,244.180	2	31	Sammamish	164
5 Jul	\$366,803.772	3	2795	Auburn	171
6 Grand Total	\$2,454,997.005	4	1209	Kent	174
		5	419	Kirkland	184
8 Kamar dan rata- rata harga	Grand Total	4459		Issaquah	185
9 Row Labels	Average of price			Redmond	228
10 1	\$281,484	Lantai dan rata rata harga		Bellevue	276
11 2	\$397,881	Row Labels	Average of price	Renton	282
12 3	\$472,557	1,0	\$446,502	Seattle	1532
13 4	\$647,801	1,5	\$593,659	Grand Total	3338
14 5	\$786,630	2,0	\$654,056		
15 6	\$837,428	2,5	\$983,863		
16 7	\$1,049,429	3,0	\$567,068		
17 8	\$1,155,000	3,5	\$563,500		
18 9	\$599,999	Grand Total	\$550,571		
19 Grand Total	\$550,571				

Analisis & Visualisasi Pasar Rumah AS

- Menyajikan hubungan Harga dengan Fitur Properti
- Menyajikan jumlah homebuyer berdasarkan jumlah kamar & lantai
- Memberikan Rekomendasi Bisnis Nyata

[Klik File XLSX](#)

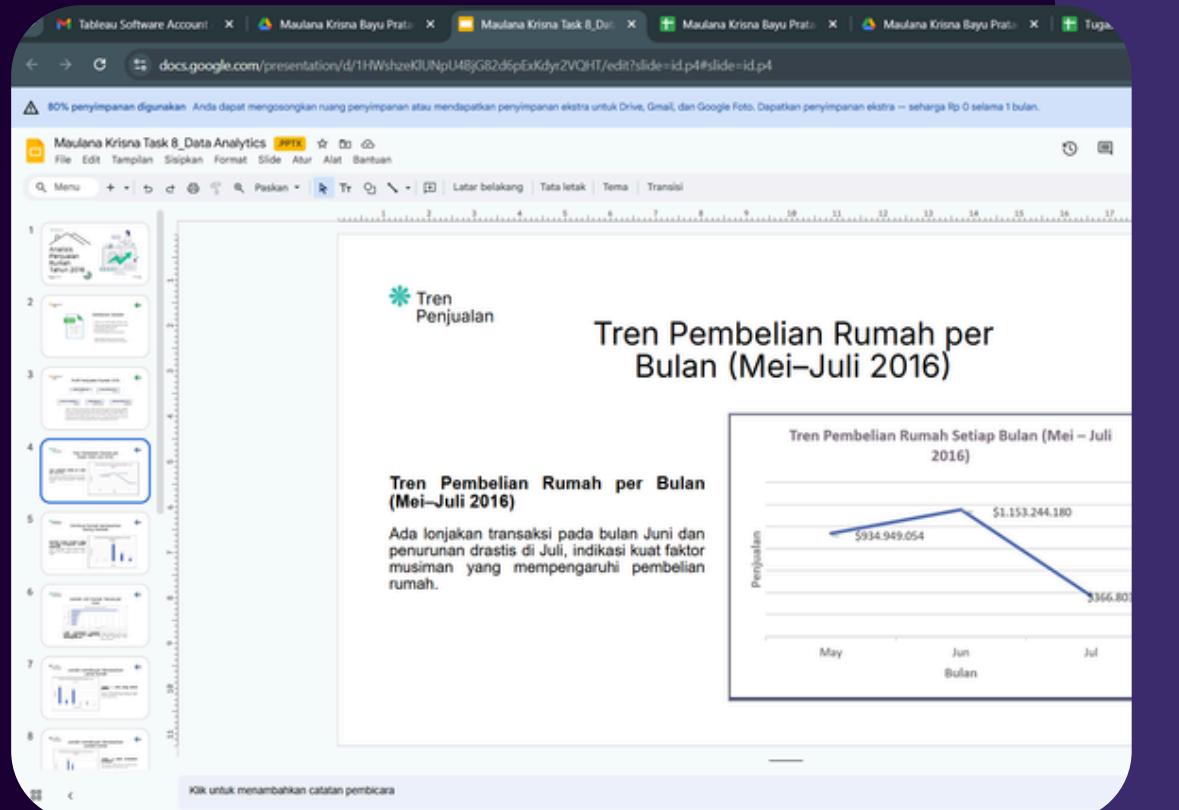
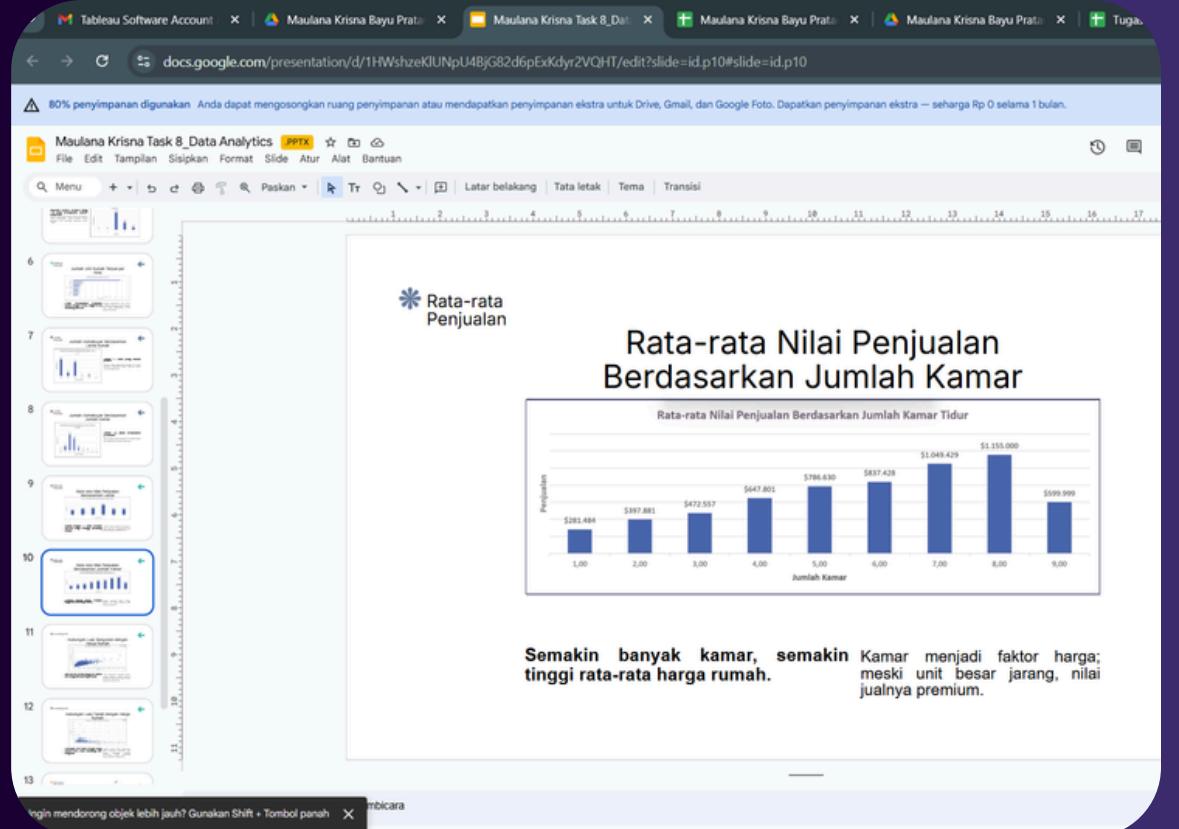
Dashboard Penjualan Rumah USA



Analisis & Visualisasi Pasar Rumah AS

- Menganalisis tren penjualan properti Mei–Juli 2016 (Pitch Deck).
- Menemukan korelasi positif antara jumlah kamar dan harga jual rumah (Pitch Deck).
- Memberikan Rekomendasi Bisnis Nyata

[Klik File PPTX](#)



Analisis & Visualisasi Penjualan Sepeda

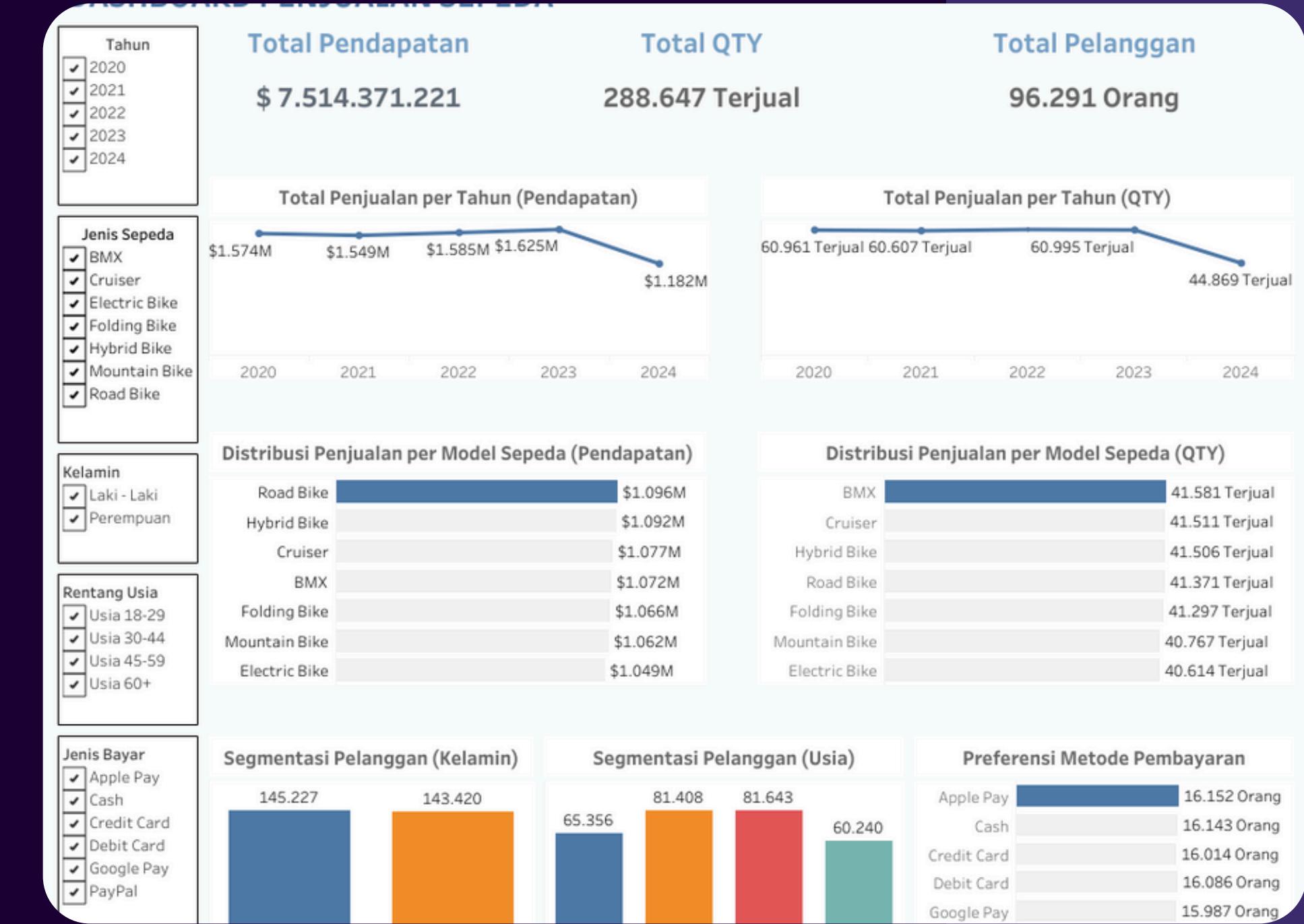
- Mengolah Dataset Penjualan Sumber Publik
- Merapikan data agar data siap di visualisasikan

	Date	Customer_ID	Bike_Model	Price	Quantity	Store_Location	Salesperson_ID	Payment_Method	Range_Age	Customer_Age	Customer_Gender	Person
1	11-07-2022	9390	Cruiser	318,32		1 Philadelphia	589	Apple Pay	Lansia (60+)	70	Female	
2	03-05-2024	3374	Hybrid Bike	3.093,47		4 Chicago	390	Apple Pay	Dewasa (30-44)	37	Male	
3	01-09-2022	2689	Folding Bike	4.247,99		3 San Antonio	338	PayPal	Paruh Baya (45-59)	59	Female	
5	05-01-2021	1633	BMX	3.941,44		3 Philadelphia	580	PayPal	Lansia (60+)	67	Female	
8	22-08-2021	5784	Road Bike	3.825,94		1 Philadelphia	291	Debit Card	Paruh Baya (45-59)	57	Male	
9	04-10-2020	9649	Road Bike	614,94		3 San Antonio	906	Debit Card	Lansia (60+)	62	Male	
10	22-03-2023	3977	Electric Bike	294.842,00		5 Los Angeles	562	PayPal	Lansia (60+)	65	Male	
11	14-08-2022	3879	Road Bike	3.350,94		4 Houston	296	Debit Card	Dewasa (30-44)	41	Male	
12	11-04-2022	1762	Cruiser	2.751,96		3 New York	832	Google Pay	Dewasa Muda (18-29)	27	Female	
13	04-04-2021	9079	Folding Bike	2.087,23		1 Los Angeles	194	Apple Pay	Paruh Baya (45-59)	46	Female	
14	03-10-2022	9754	BMX	1.801,14		2 San Antonio	811	Apple Pay	Paruh Baya (45-59)	45	Male	
16	08-02-2020	1773	BMX	2.187,63		2 San Antonio	455	PayPal	Dewasa Muda (18-29)	25	Male	
17	12-11-2021	7868	Folding Bike	732,01		4 Los Angeles	806	PayPal	Paruh Baya (45-59)	59	Male	
18	11-09-2021	3357	Cruiser	2.646,24		3 Houston	663	Cash	Dewasa Muda (18-29)	21	Male	
20	08-02-2020	8184	Hybrid Bike	1.969,76		4 New York	386	Google Pay	Paruh Baya (45-59)	51	Male	
21	07-05-2021	4757	Electric Bike	1.182,31		3 New York	725	PayPal	Dewasa (30-44)	41	Female	
22	05-06-2023	3344	Cruiser	4.747,34		5 Los Angeles	865	Cash	Lansia (60+)	68	Male	
23	27-06-2022	3559	Mountain Bike	348,81		3 Philadelphia	502	Cash	Paruh Baya (45-59)	55	Female	

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Analisis & Visualisasi Penjualan Sepeda

- Menyajikan hubungan Pendapatan dengan QTY pada setiap penjualan sepeda.
- Menyajikan KPI berdasarkan jumlah (Pendapatan, QTY, Pelanggan).
- Melihat segementasi berdasarkan kategorinya masing – masing.



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Hubungi Saya !!!

Mari Kolaborasi & Wujudkan Ide



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Discord

<https://github.com/BayuPrap>



Website

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