

RESEARCH-BASED LEARNING

ANALISIS DAN PREDIKSI INDONESIA EMAS 2045



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FI2151 Pemodelan, Generator Data, dan Analisisnya

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1. Memvisualisasikan seluruh parameter data dari target Visi Indonesia Emas 2045 dengan membandingkannya dengan beberapa negara lainnya, serta
2. Menentukan prediksi kedepannya mengenai Visi Indonesia Emas 2045 dan membandingkannya dengan beberapa negara lainnya.

Metode Yang Digunakan

- Metode pengumpulan data yang digunakan pada analisis ini melibatkan pencarian dan pengumpulan informasi dari sumber-sumber internet untuk mendapatkan wawasan dan informasi terkait dengan Indonesia Emas 2045.
- Pencarian dilakukan melalui situs web terpercaya untuk mengakses sumber informasi online.
- Data yang dikumpulkan mencakup human developing index, GDP, dan poverty rate dari tiap negara.
- Setelah data terkumpul, analisis statistik deskriptif dilakukan untuk menyajikan ringkasan data.
- Kemudian dilakukan visualisasi plotting, seperti grafik scatter plot agar dapat digunakan untuk menggambarkan distribusi dan tren secara visual.

Data Yang Akan Digunakan



Berikut adalah data-data yang akan kami gunakan untuk pengerjaan RBL kami :

HDI :

<https://docs.google.com/spreadsheets/d/1DulVH1mZt5zUEXDUyWMUkHwBhXP3cXKmks3P4iuK6Y/edit?usp=sharing>

Proverty Rate :

https://drive.google.com/file/d/1kTJcUDU47BJWG5Pe6jNRG8p3Cu3tb7e/view?usp=drive_link

GDP :

https://drive.google.com/file/d/18FAaelYB0gagEevojullfQ21rtB5WgoO/view?usp=drive_link

TERIMA KASIH!

Lampiran (Contoh Data Yang Digunakan)

INDONESIA		SWITZERLAND		UNITED STATES		MYANMAR		MOZAMBIQUE	
Date	GDP (US \$)	Date	GDP (US \$)	Date	GDP (US \$)	Date	GDP (US \$)	Date	GDP (US \$)
2002	\$199,880,811,180	2002	\$489,289,910,670	2002	\$10,426,112,895,000	2002	\$6,335,610,810	2002	\$5,677,013,629
2003	\$134,771,463,624	2003	\$463,081,305,385	2003	\$11,456,442,841,000	2003	\$7,754,547,428	2003	\$6,303,399,758
2004	\$156,836,875,195	2004	\$483,914,144,463	2004	\$11,217,193,196,000	2004	\$8,380,855,798	2004	\$7,631,136,171
2005	\$185,868,618,106	2005	\$418,282,794,114	2005	\$11,098,199,185,000	2005	\$10,586,433,069	2005	\$8,543,083,074
2006	\$194,570,515,632	2006	\$441,638,408,113	2006	\$11,815,586,846,000	2006	\$11,863,016,115	2006	\$8,176,896,197
2007	\$162,216,781,775	2007	\$486,716,083,811	2007	\$14,674,119,805,000	2007	\$15,581,183,163	2007	\$10,480,829,127
2008	\$110,238,634,892	2008	\$487,279,035,611	2008	\$14,788,817,811,000	2008	\$15,811,010,832	2008	\$11,086,179,133
2009	\$118,580,081,612	2009	\$461,181,679,309	2009	\$14,678,035,916,000	2009	\$19,035,145,189	2009	\$11,854,675,113
2010	\$153,894,117,186	2010	\$489,811,638,867	2010	\$15,038,863,444,000	2010	\$17,786,013,899	2010	\$11,384,689,083
2011	\$182,369,184,529	2011	\$715,888,125,682	2011	\$15,598,718,113,000	2011	\$14,118,681,975	2011	\$14,381,152,457
2012	\$177,869,813,165	2012	\$686,426,111,558	2012	\$16,253,972,200,000	2012	\$18,318,677,645	2012	\$16,356,813,487
2013	\$112,534,136,718	2013	\$706,234,517,371	2013	\$16,894,190,885,000	2013	\$18,571,257,122	2013	\$16,874,314,296
2014	\$180,814,755,111	2014	\$735,537,808,138	2014	\$17,558,688,174,000	2014	\$19,264,881,768	2014	\$17,716,091,857
2015	\$180,814,755,111	2015	\$884,118,181,885	2015	\$18,338,039,741,000	2015	\$19,681,388,114	2015	\$15,860,879,133
2016	\$181,877,384,030	2016	\$887,885,430,861	2016	\$18,695,110,842,000	2016	\$19,281,738,915	2016	\$11,868,889,087
2017	\$1,613,818,714,118	2017	\$891,282,833,087	2017	\$18,677,110,849,000	2017	\$19,488,881,817	2017	\$11,218,079,088
2018	\$1,642,271,533,953	2018	\$725,262,194,364	2018	\$20,533,057,112,000	2018	\$17,444,726,158	2018	\$14,845,480,583
2019	\$1,119,899,871,186	2019	\$731,388,112,717	2019	\$21,388,976,119,000	2019	\$18,687,761,477	2019	\$15,386,030,640
2020	\$1,059,854,841,712	2020	\$735,914,019,797	2020	\$21,098,473,613,000	2020	\$18,880,258,069	2020	\$14,156,864,915
2021	\$1,186,585,455,711	2021	\$805,146,115,387	2021	\$21,315,080,560,000	2021	\$19,134,788,002	2021	\$15,776,757,435
2022	\$1,118,380,230,188	2022	\$817,736,031,812	2022	\$21,321,900,000,000	2022	\$19,384,883,161	2022	\$17,811,881,438
\$1,725,386,876,307		\$12,861,773,628,744		\$184,698,675,785,000		\$19,388,747,612		\$187,388,888,199	
\$748,782,881,598		\$10,118,512,036		\$18,403,118,819		\$19,757,475,619		\$18,757,475,619	
\$115,473,582,119,885,000		\$11,782,487,888,581		\$18,263,872,200,000		\$18,318,677,645		\$18,318,677,645	
\$148,213,367,588,30		\$15,764,23							
INDONESIA		SWITZERLAND		Mozambique		myanmar		United States	
date	Indonesia	date	Switzerland	Date		Date		Date	
2002	27.00	2002	0	2001	80.6	2002	51.80	2001	0.7
2003	24.60	2003	0	2002	79.375	2003	50.60	2002	0.7
2004	30.60	2004	0	2003	76.925	2004	49.40	2003	1
2005	25.20	2005	0	2004	75.7	2005	48.20	2004	1
2006	24.70	2006	0	2005	74.475	2006	47.00	2005	1.00
2007	21.00	2007	0	2006	72.025	2007	45.80	2006	1
2008	18.30	2008	0	2007	70.8	2008	44.60	2007	1
2009	15.70	2009	0	2008	70.025	2009	43.40	2008	1
2010	13.70	2010	0	2009	68.32	2010	42.20	2009	1
2011	11.20	2011	0	2010	67.7	2011	40.18	2010	1
2012	9.30	2012	0	2011	66.925	2012	38.16	2011	1
2013	8.30	2013	0	2012	65.375	2013	36.14	2012	1
2014	7.50	2014	0	2013	64.6	2014	34.12	2013	1
2015	6.60	2015	0	2014	67.7666667	2015	32.10	2014	1.2
2016	5.40	2016	0	2015	69.35	2016	29.67	2015	1.2
2017	4.40	2017	0	2016	70.9333333	2017	27.23	2016	1
2018	3.80	2018	0	2017	72.5166667	2018	24.80	2017	1.2
2019	3.50	2019	0	2018	74.1	2019	22.37	2018	1
2020	2.50	2020	0	2019	72.1	2020	19.93	2019	1
				2020	70.1			2020	0.2

