

Rohan kokkula rohan 0301

REFERANCE

kaggle

https://www.kaggle.com/datasets/rohan0301/u nsupervised-learning-on-country-data? select=Country-data.csv

dalasel +

country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553
Albania	16.6	28	6.55	48.6	9930	4.49	76.3	1.65	4090
Algeria	27.3	38.4	4.17	31.4	12900	16.1	76.5	2.89	4460
Angola	119	62.3	2.85	42.9	5900	22.4	60.1	6.16	3530
Antigua an	10.3	45.5	6.03	58.9	19100	1.44	76.8	2.13	12200
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300
Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220
Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	51900
Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900
Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758
Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	16000
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		country	child_mor	exports	health	imports	income	inflation	life_expec	total_fer	gdpp
		Afghanista	90.2	2 10	7.58	44.9	1610	9.44	56.2	5.82	553
				28	6.55	48.6	9930	4.49	76.3	1.65	4090
CC)UI	ntry : រ	ชื่อประ	Ina 4	4.17	31.4	12900	16.1	76.5	2.89	4460
		Angola	113	2 2	2.85	42.9	5900	22.4	60.1	6.16	3530
		Antigua an	10.3	45.5	6.03	58.9	19100	1.44	76.8	2.13	12200
		Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300
		Armenia	18.3	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220
		Australia	4.8	3 19.8	8.73	20.9	41400	1.16	82	1.93	51900
The second		Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900
الر		Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840
		Bahamas	13.8	3 35	7.89	43.7	22900	-0.393	73.8	1.86	28000
		Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700
		Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758
		Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	16000
	113										



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	country	child_mort	exports l	nealth	imports	income	inflation	life_expec	total_fer	gdpp
	Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553
11				٠	င္း	9930	4.49	76.3	1.65	4090
cnii	d_mort	:: อตรา	เการเสย	มชวตข	Jองเดก	12900	16.1	76.5	2.89	4460
						5000	22.4	60.1	6.16	3530
J 18	ยุต่ำกว่า	ว บนฮเ	וזו סככנ	5 1,00	JU FIU	19100	1.44	76.8	2.13	12200
	Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300
	Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220
	Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	51900
	Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900
	Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840
	Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000
	Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700
g) A	Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758
/ · · ·	Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	16000
	19 "0 6									



country	child_	mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp
Afghanista		90.2	10	7.58	44.9	1610	9.44	56.2	5.82	55
			2		2		4.49	76.3	1.65	409
expor	cts	: กั	ารสงอ	อกสินค์	้าหรือเ	บริการ	16.1	76.5	2.89	446
						อประชากร	22.4	60.1	6.16	353
						003-01113	1.44	76.8	2.13	1220
Argentina		14.5	18.9	8.1	16	18700	20.9	75.8	2.37	1030
Armenia		18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	322
Australia		4.8	19.8	8.73	20.9	41400	1.16	82	1.93	5190
Austria		4.3	51.3	11	47.8	43200	0.873	80.5	1.44	4690
Azerbaijan		39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	584
Bahamas		13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	2800
Bahrain		8.6	69.5	4.97	50.9	41100	7.44	76	2.16	2070
Banglades		49.4	16	3.52	21.8	2440	7.14	70.4	2.33	75

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country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553
Albania			221	2	_2		76.3	1.65	4090
Algeria	healtl	า : การ	ร(ชิจาย	้เด้านสุข	็ปภาพทั	ังหมด	76.5	2.89	446
Angola				•		วประชากร	60.1	6.16	353
Antigua an				•		103-01113	76.8	2.13	1220
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	1030
Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	322
Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	5190
Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	4690
Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	584
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	2800
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	2070
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	75
Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	1600



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country	$child_mort$	exports	health	imports	income	inflation	life_expec	total_fer	gdpp
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553
Albania	16.6			0	<u> </u>	ـ سـ	³ 6.3	1.65	4090
Algeria	27.3	Imp	orts:	การนาเ	ขาสนค	าหรือบริ	รการ ร	2.89	4460
Angola	119				* %G	DP ต่อปร	ะชากร ¹	6.16	3530
Antigua an	10.3	40.0	0.05	ر. <u>ی</u>	19100	4.44	76.8	2.13	12200
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300
Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220
Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	51900
Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900
Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758
Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	16000

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country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553
Albania	16.6	28			4			1.65	4090
Algeria	27.3	38.4	4.	ncom	e : ราย	บได้สทร	ธิต่อคเ	2.89	4460
Angola	119	62.3				1		6.16	3530
Antigua an	10.3	45.5	6.03	58.9	19100	1.44	76.8	2.13	12200
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300
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Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	2070
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758
Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	1600



country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553
Albania	16.6	28	6.55	· CI	. •			_	790
Algeria	27.3	38.4	4.17	Infl	ation	: การว	ดอัตรา	การเต	บเต เ
Angola	119	62.3	2.85		1012 C	مرة مار			(
Antigua ar	10.3	45.5	6.03		וט עפו	און אכ	หมดใน	แน่สะเ	ر
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300
Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220
Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	51900
Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900
Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758
Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	16000



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country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553	
Albania	16.6	28	1.0		0			., _¦	_	
Algeria	27.3	38.4	life_	_expe	c : จาน	เวนเฉล	เยของเ	ป์ที่เด็กเ	เรกเกต	GC
Angola	119	62.3				หาก	ารปแบบกา	ารเสียชีวิตใ	้นปัจจบันย์	ัเงค
Antigua an	10.3	45.5	UIUU	JU.J	15100					
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300	
Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220	
Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	51900	
Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900	
Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840	
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000	
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700	
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758	
Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	16000	

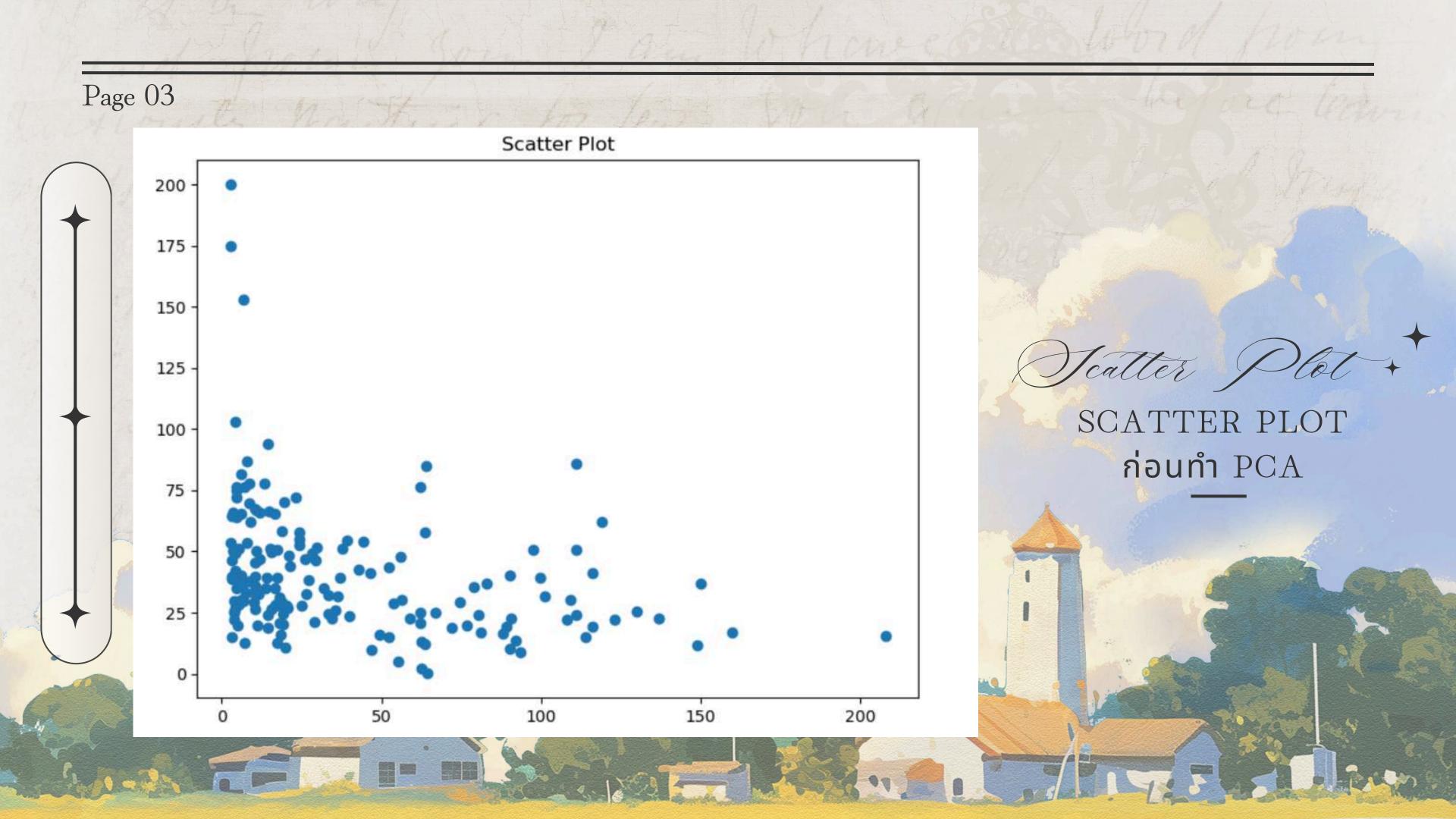


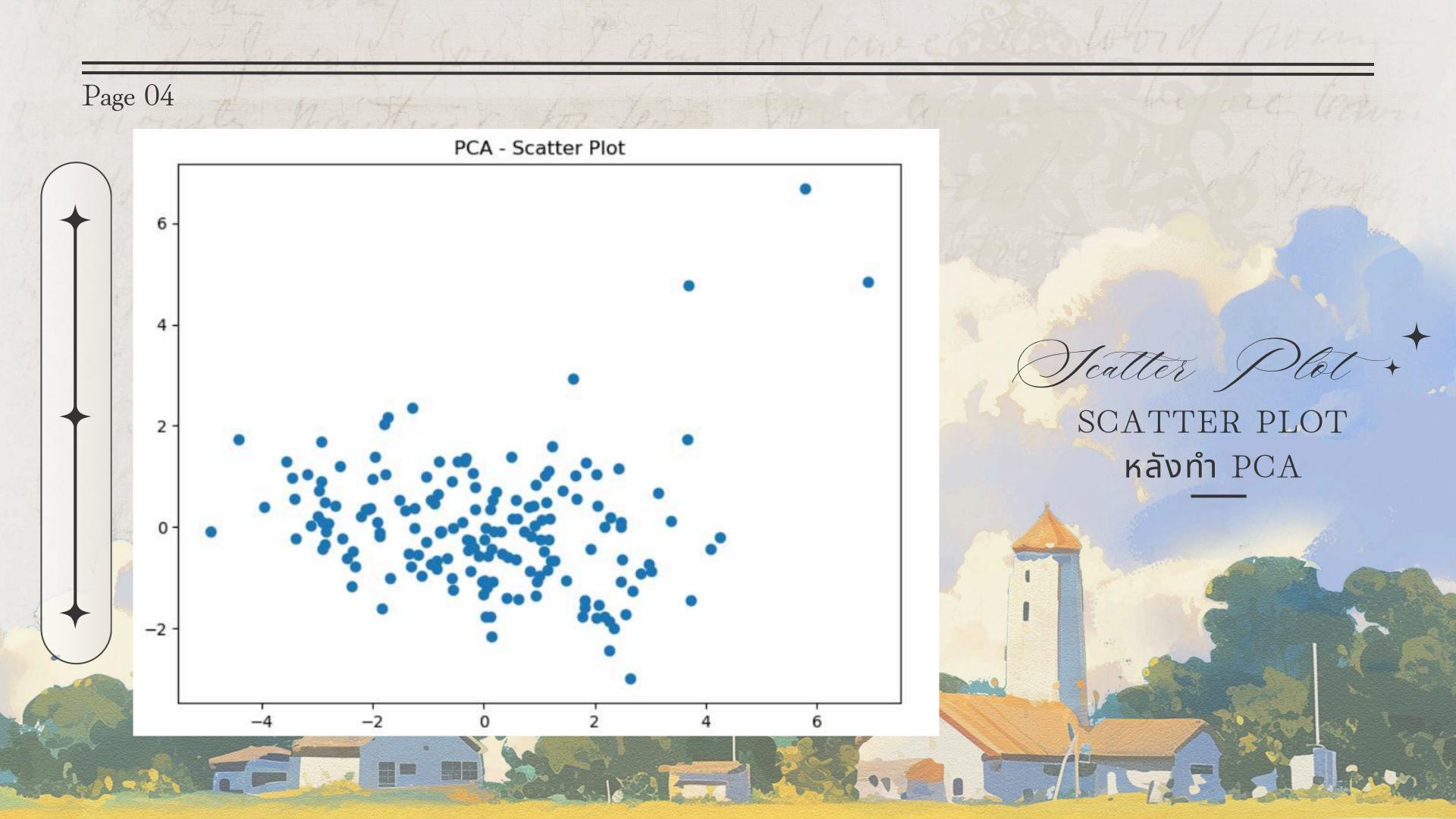
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country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	909 as 200
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	553	
Albania	16.6	28	6.55		I 6	0			1 2	
Algeria	27.3	38.4	4.17	SJOJ	ιι_ter :	จานว	นเดกท	จะเกดเ	าอผูหถุ	์ มิงแต่ละคน
Angola	119	62.3	2.85			หาก	อัตราการเกิ	้าดตามอาย	ู มในปัจจบัน	เย้งคงเหมือนเดิม
Antigua ar	10.3	45.5	6.03	58.9	19100				1	A Company
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300	21 - 1742
Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220	
Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	51900	
Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900	Line
Azerbaijar	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840	
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000	
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700	
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758	
Barbados	14.2	39.5	7.97	48.7	15300	0.321	. 76.7	1.78	16000	
		100								

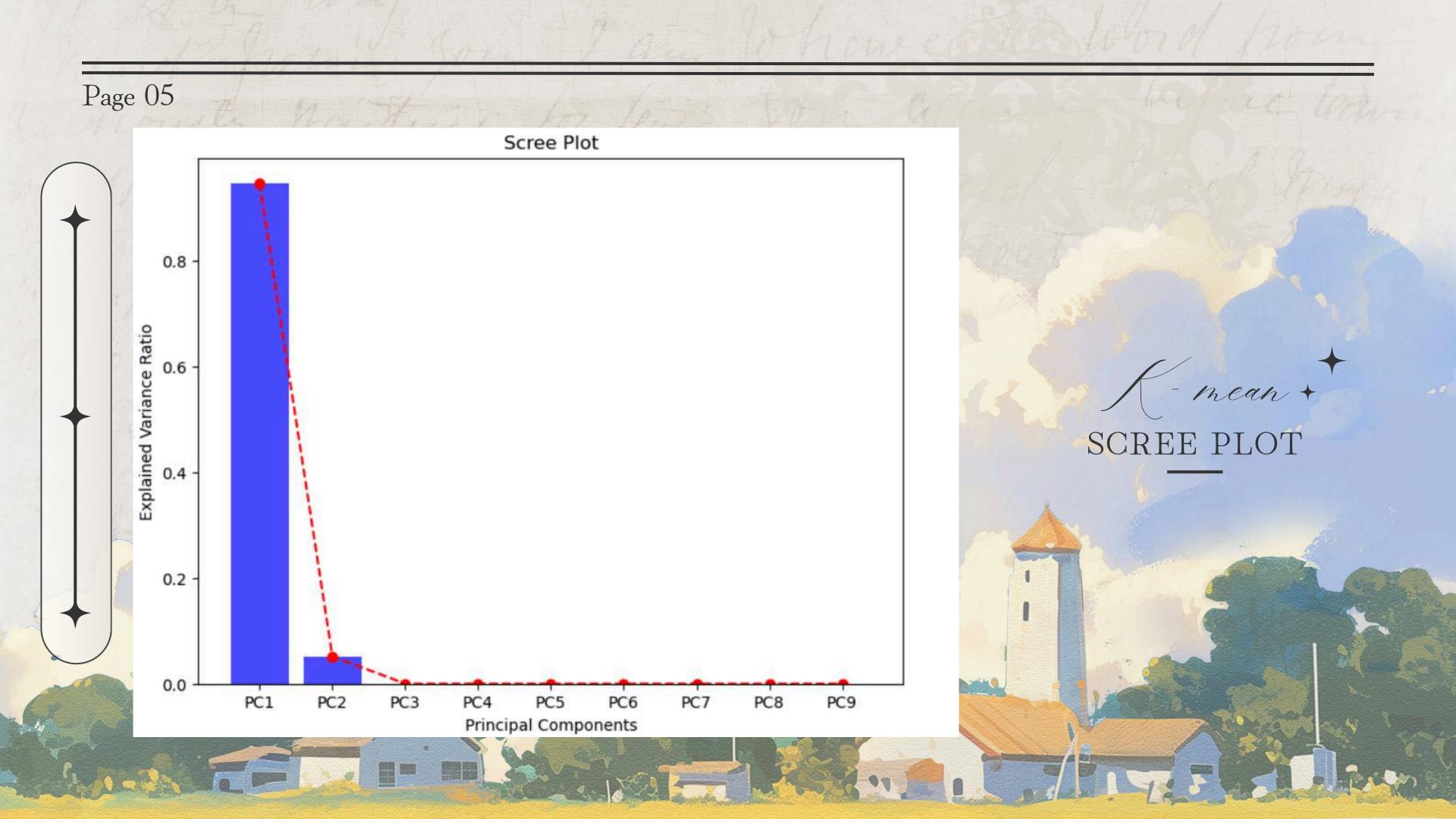


country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	The alterial
Afghanista	90.2	10	7.58	44.9	1610	9.44	56.2	5.82	558	
Albania	16.6	28	6.55	48.6	9.92					
Algeria	27.3	38.4	4.17	31.4	. 12	Q	dgpp:	GDP	ต่อประ	ชากร
Angola	119	62.3	2.85	42.9	C					นวนประชากรทั้งหมด <i>เ</i>
Antigua an	10.3	45.5	6.03	58.9	191	ในวันนาก	מכב זעט	HUNDUN	ו עפכוזצו	JUUS-U INSTIUNDU
Argentina	14.5	18.9	8.1	16	18700	20.9	75.8	2.37	10300	2/1-77/19/2-19/2
Armenia	18.1	20.8	4.4	45.3	6700	7.77	73.3	1.69	3220	
Australia	4.8	19.8	8.73	20.9	41400	1.16	82	1.93	51900	
Austria	4.3	51.3	11	47.8	43200	0.873	80.5	1.44	46900	Line Con
Azerbaijan	39.2	54.3	5.88	20.7	16000	13.8	69.1	1.92	5840	
Bahamas	13.8	35	7.89	43.7	22900	-0.393	73.8	1.86	28000	
Bahrain	8.6	69.5	4.97	50.9	41100	7.44	76	2.16	20700	
Banglades	49.4	16	3.52	21.8	2440	7.14	70.4	2.33	758	
Barbados	14.2	39.5	7.97	48.7	15300	0.321	76.7	1.78	16000	









Page 06 SCATTER PLOT SCATTER PLOT K-MEANS K-MEANS WITH PCA PCA and K-Means Clustering K-Means Clustering 200 -175 -150 125 -100 --2 200 100 150 PCA 1

K-MEANS WITH PCA

UNDER-DEVELOPING
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	country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	Cluste
ı	Albania	16.6	28.0	6.55	48.6	9930	4.49	76.3	1.65	4090	
2	Algeria	27.3	38.4	4.17	31.4	12900	16.10	76.5	2.89	4460	
4	Antigua and Barbuda	10.3	45.5	6.03	58.9	19100	1.44	76.8	2.13	12200	
5	Argentina	14.5	18.9	8.10	16.0	18700	20.90	75.8	2.37	10300	
6	Armenia	18.1	20.8	4.40	45.3	6700	7.77	73.3	1.69	3220	
60	Uruguay	10.6	26.3	8.35	25.4	17100	4.91	76.4	2.08	11900	
61	Uzbekistan	36.3	31.7	5.81	28.5	4240	16.50	68.8	2.34	1380	
62	Vanuatu	29.2	46.6	5.25	52.7	2950	2.62	63.0	3.50	2970	
63	Venezuela	17.1	28.5	4.91	17.6	16500	45.90	75.4	2.47	13500	
64	Vietnam	23.3	72.0	6.84	80.2	4490	12.10	73.1	1.95	1310	

80 rows × 11 columns

cluster 1+

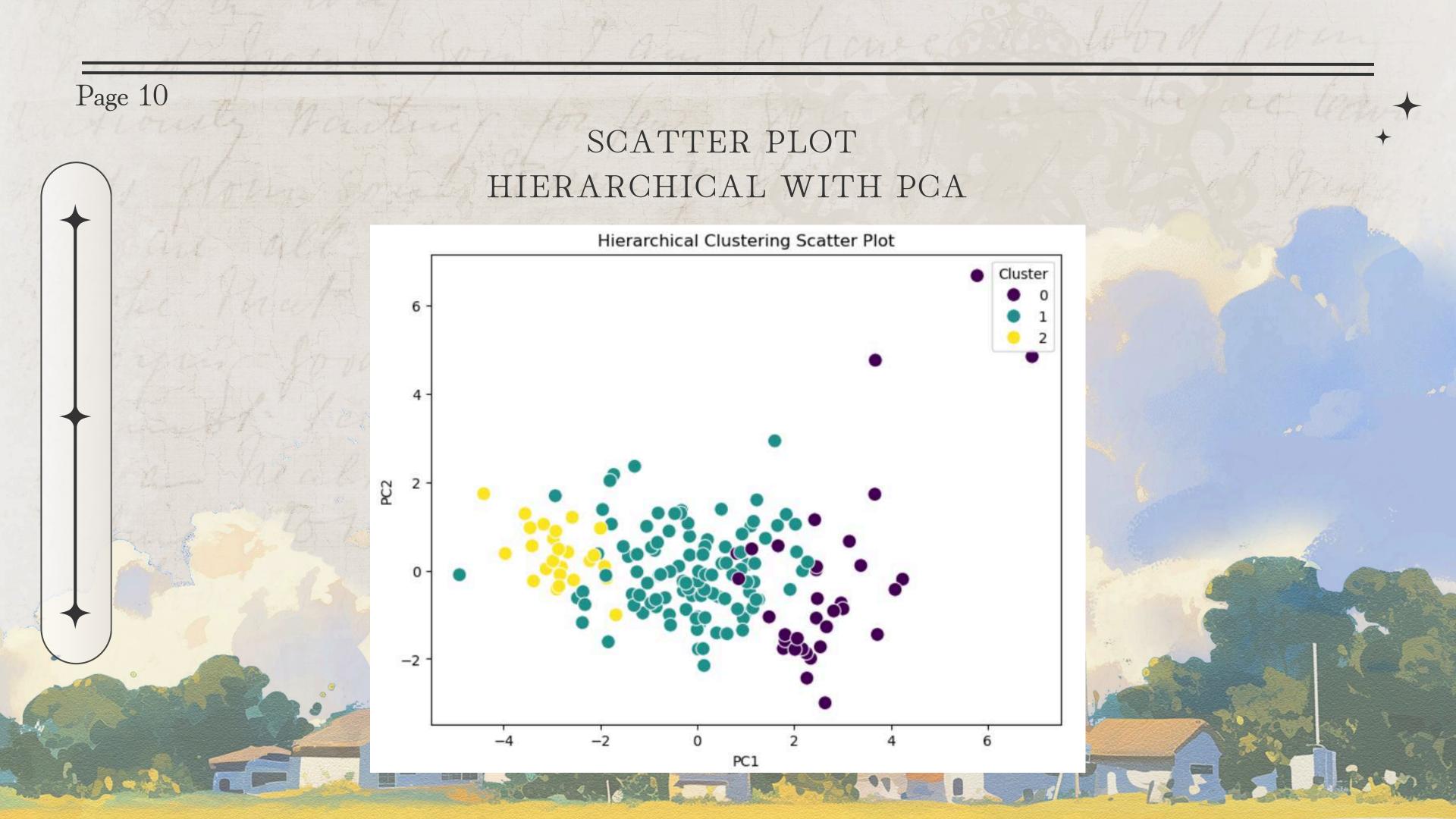
DEVELOPING

	country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	Cluster
0	Afghanistan	90.2	10.000	7.58	44.9000	1610	9.440	56.2	5.82	553	1
3	Angola	119.0	62.300	2.85	42.9000	5900	22.400	60.1	6.16	3530	1
17	Benin	111.0	23.800	4.10	37.2000	1820	0.885	61.8	5.36	758	1
25	Burkina Faso	116.0	19.200	6.74	29.6000	1430	6.810	57.9	5.87	575	1
26	Burundi	93.6	8.920	11.60	39.2000	764	12.300	57.7	6.26	231	1
28	Cameroon	108.0	22.200	5.13	27.0000	2660	1.910	57.3	5.11	1310	1
31	Central African Republic	149.0	11.800	3.98	26.5000	888	2.010	47.5	5.21	446	1
32	Chad	150.0	36.800	4.53	43.5000	1930	6.390	56.5	6.59	897	1
36	Comoros	88.2	16.500	4.51	51.7000	1410	3.870	65.9	4.75	769	1
37	Congo, Dem. Rep.	116.0	41.100	7.91	49.6000	609	20.800	57.5	6.54	334	1
38	Congo, Rep.	63.9	85.100	2.46	54.7000	5190	20.700	60.4	4.95	2740	1
40	Cote d'Ivoire	111.0	50.600	5.30	43.3000	2690	5.390	56.3	5.27	1220	1
49	Equatorial Guinea	111.0	85.800	4.48	58.9000	33700	24.900	60.9	5.21	17100	1
50	Eritrea	55.2	4.790	2.66	23.3000	1420	11.600	61.7	4.61	482	1
55	Gabon	63.7	57.700	3.50	18.9000	15400	16.600	62.9	4.08	8750	1
56	Gambia	80.3	23.800	5.69	42.7000	1660	4.300	65.5	5.71	562	1
59	Ghana	74.7	29.500	5.22	45.9000	3060	16.600	62.2	4.27	1310	1
63	Guinea	109.0	30.300	4.93	43.2000	1190	16.100	58.0	5.34	648	1

cluster A

DEVELOPED

	country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	Cluster
7	Australia	4.8	19.8	8.73	20.9	41400	1.160	82.0	1.93	51900	2
8	Austria	4.3	51.3	11.00	47.8	43200	0.873	80.5	1.44	46900	2
11	Bahrain	8.6	69.5	4.97	50.9	41100	7.440	76.0	2.16	20700	2
15	Belgium	4.5	76.4	10.70	74.7	41100	1.880	80.0	1.86	44400	2
23	Brunei	10.5	67.4	2.84	28.0	80600	16.700	77.1	1.84	35300	2
29	Canada	5.6	29.1	11.30	31.0	40700	2.870	81.3	1.63	47400	2
42	Cyprus	3.6	50.2	5.97	57.5	33900	2.010	79.9	1.42	30800	2
43	Czech Republic	3.4	66.0	7.88	62.9	28300	-1.430	77.5	1.51	19800	2
44	Denmark	4.1	50.5	11.40	43.6	44000	3.220	79.5	1.87	58000	2
51	Estonia	4.5	75.1	6.03	68.7	22700	1.740	76.0	1.72	14600	2
53	Finland	3.0	38.7	8.95	37.4	39800	0.351	80.0	1.87	46200	2
54	France	4.2	26.8	11.90	28.1	36900	1.050	81.4	2.03	40600	2
58	Germany	4.2	42.3	11.60	37.1	40400	0.758	80.1	1.39	41800	2
60	Greece	3.9	22.1	10.30	30.7	28700	0.673	80.4	1.48	26900	2
67	Hungary	6.0	81.8	7.33	76.5	22300	2.330	74.5	1.25	13100	2
68	Iceland	2.6	53.4	9.40	43.3	38800	5.470	82.0	2.20	41900	2
73	Ireland	4.2	103.0	9.19	86.5	45700	-3.220	80.4	2.05	48700	2
74	Israel	4.6	35.0	7.63	32.9	29600	1.770	81.4	3.03	30600	2
75	Italy	4.0	25.2	9.53	27.2	36200	0.319	81.7	1.46	35800	2



cluster A

DEVELOPED

	country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	Cluster
7	Australia	4.8	19.8	8.73	20.9	41400	1.160	82.0	1.93	51900	0
8	Austria	4.3	51.3	11.00	47.8	43200	0.873	80.5	1.44	46900	0
11	Bahrain	8.6	69.5	4.97	50.9	41100	7.440	76.0	2.16	20700	0
15	Belgium	4.5	76.4	10.70	74.7	41100	1.880	80.0	1.86	44400	0
23	Brunei	10.5	67.4	2.84	28.0	80600	16.700	77.1	1.84	35300	0
29	Canada	5.6	29.1	11.30	31.0	40700	2.870	81.3	1.63	47400	0
44	Denmark	4.1	50.5	11.40	43.6	44000	3.220	79.5	1.87	58000	0
53	Finland	3.0	38.7	8.95	37.4	39800	0.351	80.0	1.87	46200	0
54	France	4.2	26.8	11.90	28.1	36900	1.050	81.4	2.03	40600	0
58	Germany	4.2	42.3	11.60	37.1	40400	0.758	80.1	1.39	41800	0
60	Greece	3.9	22.1	10.30	30.7	28700	0.673	80.4	1.48	26900	0
68	Iceland	2.6	53.4	9.40	43.3	38800	5.470	82.0	2.20	41900	0
73	Ireland	4.2	103.0	9.19	86.5	45700	-3.220	80.4	2.05	48700	0
74	Israel	4.6	35.0	7.63	32.9	29600	1.770	81.4	3.03	30600	0

Cluster

UNDER-DEVELOPING

106 Us:ina

	country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	Cluster
1	Albania	16.6	28.0	6.55	48.6	9930	4.49	76.3	1.65	4090	1
2	Algeria	27.3	38.4	4.17	31.4	12900	16.10	76.5	2.89	4460	1
3	Angola	119.0	62.3	2.85	42.9	5900	22.40	60.1	6.16	3530	1
4	Antigua and Barbuda	10.3	45.5	6.03	58.9	19100	1.44	76.8	2.13	12200	1
5	Argentina	14.5	18.9	8.10	16.0	18700	20.90	75.8	2.37	10300	1
161	Uzbekistan	36.3	31.7	5.81	28.5	4240	16.50	68.8	2.34	1380	1
162	Vanuatu	29.2	46.6	5.25	52.7	2950	2.62	63.0	3.50	2970	1
163	Venezuela	17.1	28.5	4.91	17.6	16500	45.90	75.4	2.47	13500	1
164	Vietnam	23.3	72.0	6.84	80.2	4490	12.10	73.1	1.95	1310	1
165	Yemen	56.3	30.0	5.18	34.4	4480	23.60	67.5	4.67	1310	1

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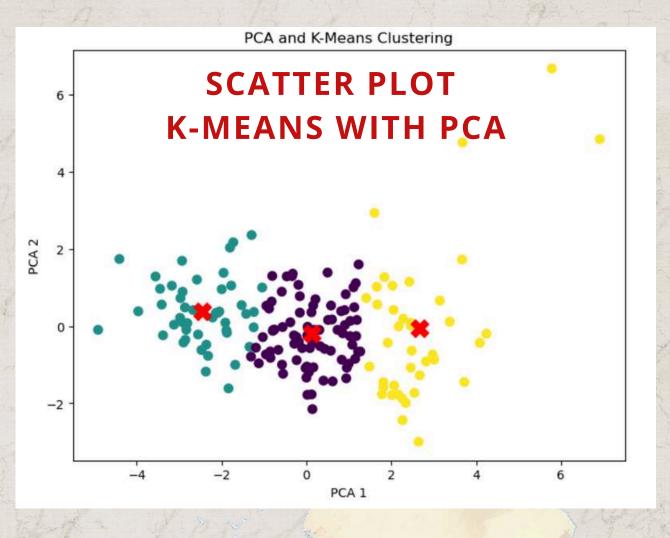
cluster A

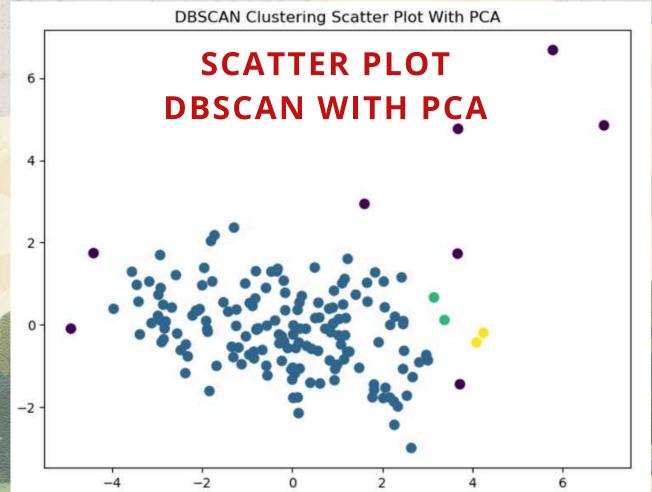
DEVELOPING

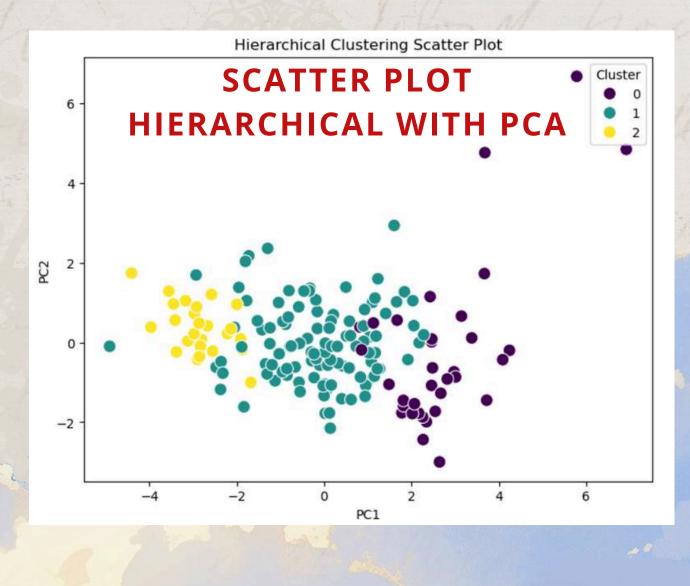
	country	child_mort	exports	health	imports	income	inflation	life_expec	total_fer	gdpp	Cluster
0	Afghanistan	90.2	10.00	7.58	44.9	1610	9.440	56.2	5.82	553	2
17	Benin	111.0	23.80	4.10	37.2	1820	0.885	61.8	5.36	758	2
25	Burkina Faso	116.0	19.20	6.74	29.6	1430	6.810	57.9	5.87	575	2
26	Burundi	93.6	8.92	11.60	39.2	764	12.300	57.7	6.26	231	2
28	Cameroon	108.0	22.20	5.13	27.0	2660	1.910	57.3	5.11	1310	2
31	Central African Republic	149.0	11.80	3.98	26.5	888	2.010	47.5	5.21	446	2
32	Chad	150.0	36.80	4.53	43.5	1930	6.390	56.5	6.59	897	2
36	Comoros	88.2	16.50	4.51	51.7	1410	3.870	65.9	4.75	769	2
37	Congo, Dem. Rep.	116.0	41.10	7.91	49.6	609	20.800	57.5	6.54	334	2
40	Cote d'Ivoire	111.0	50.60	5.30	43.3	2690	5.390	56.3	5.27	1220	2
56	Gambia	80.3	23.80	5.69	42.7	1660	4.300	65.5	5.71	562	2
63	Guinea	109.0	30.30	4.93	43.2	1190	16.100	58.0	5.34	648	2
64	Guinea-Bissau	114.0	14.90	8.50	35.2	1390	2.970	55.6	5.05	547	2
66	Haiti	208.0	15.30	6.91	64.7	1500	5.450	32.1	3.33	662	2
80	Kenya	62.2	20.70	4.75	33.6	2480	2.090	62.8	4.37	967	2
93	Madagascar	62.2	25.00	3.77	43.0	1390	8.790	60.8	4.60	413	2

Page 15 SCATTER PLOT SCATTER PLOT DBSCAN DBSCAN WITH PCA DBSCAN Clustering Scatter Plot DBSCAN Clustering Scatter Plot With PCA 200 -175 -150 -125 -100 75 25 150 200 100 50

Page 16



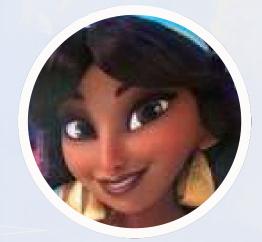




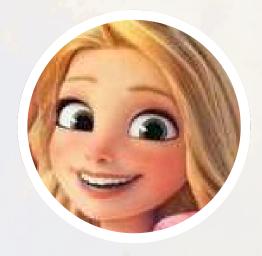


Contact

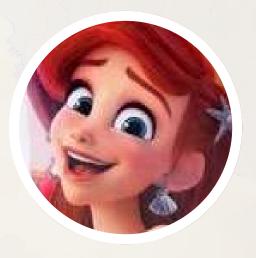




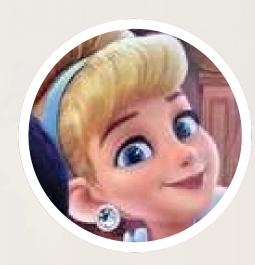
650710181 ปณิดา ดำรงวาจาสัตย์



65<mark>07101</mark>83 ภัทรนารถ อุปนันไชย



650710244 พิมพ์วรีย์ พันธุ์วิเชียร



650710757 กาญจนาภรณ์ วังชนะชัย



650710786 **ศิรประภา ปาลี**

Thank You

ทำงานแบบสับ...สับสน