DIMENSI: ACTIVE / REFLECTIVE (RANDOM FOREST)			
Rank	**Nama Fitur**	**Importance Score**	**Tipe Fitur**
1	gray num	0.0426	Fitur TF-IDF
2	classname mb	0.0409	Fitur TF-IDF
3	query	0.0295	Fitur TF-IDF
4	export	0.0280	Fitur TF-IDF
5	hover	0.0252	Fitur TF-IDF
6	num rounded	0.0240	Fitur TF-IDF
7	flex	0.0229	Fitur TF-IDF
8	await	0.0219	Fitur TF-IDF
9	home	0.0216	Fitur TF-IDF
10	border	0.0184	Fitur TF-IDF

Lampiran 6. *Top 10 Feature Importance — Dimensi Active / Reflective (Random Forest)*

DIMENSI: SENSING / INTUITIVE (RANDOM FOREST)			
Rank	**Nama Fitur**	**Importance Score**	**Tipe Fitur**
1	password	0.0375	Fitur TF-IDF
2	id	0.0367	Fitur TF-IDF
3	num text	0.0325	Fitur TF-IDF
4	lib	0.0290	Fitur TF-IDF
5	mb num	0.0268	Fitur TF-IDF
6	select	0.0264	Fitur TF-IDF
7	mb	0.0263	Fitur TF-IDF
8	ui	0.0258	Fitur TF-IDF
9	link	0.0227	Fitur TF-IDF
10	py	0.0211	Fitur TF-IDF

Lampiran 7. *Top 10 Feature Importance — Dimensi Sensing / Intuitive (Random Forest)*

DIMENSI: VISUAL / VERBAL (RANDOM FOREST)			
Rank	**Nama Fitur**	**Importance Score**	**Tipe Fitur**
1	ui	0.0318	Fitur TF-IDF
2	font	0.0278	Fitur TF-IDF
3	md	0.0220	Fitur TF-IDF
4	num text	0.0184	Fitur TF-IDF
5	async	0.0177	Fitur TF-IDF
6	max_prompt_length	0.0172	Fitur Manual
7	why_ratio	0.0170	Fitur Manual
8	full	0.0170	Fitur TF-IDF
9	react	0.0168	Fitur TF-IDF
10	classname	0.0156	Fitur TF-IDF

Lampiran 8. *Top 10 Feature Importance — Dimensi Visual / Verbal (Random Forest)*

DIMENSI: SEQUENTIAL / GLOBAL (RANDOM FOREST)			
Rank	**Nama Fitur**	**Importance Score**	**Tipe Fitur**
1	value	0.0314	Fitur TF-IDF
2	date	0.0284	Fitur TF-IDF
3	div class	0.0196	Fitur TF-IDF
4	menjadi	0.0188	Fitur TF-IDF
5	list_request_ratio	0.0185	Fitur Manual
6	visual_ratio	0.0176	Fitur Manual
7	return	0.0156	Fitur TF-IDF
8	buat	0.0155	Fitur TF-IDF
9	border	0.0155	Fitur TF-IDF
10	verbal_ratio	0.0155	Fitur Manual

Lampiran 9. *Top 10 Feature Importance — Dimensi Sequential / Global (Random Forest)*

DIMENSI: ACTIVE / REFLECTIVE				
Fitur	**ρ (Spearman)**	**p-value**	**Signifikansi**	**Arah**
visual_verbal_balance	**-0.2691**	0.0060	✅ Signifikan	Negatif
score_verbal	**+0.2502**	0.0108	✅ Signifikan	Positif
score_sensing	**+0.2118**	0.0318	✅ Signifikan	Positif
kw_score_reflective	**+0.1594**	0.1079	—	Positif
avg_prompt_length	**-0.1503**	0.1298	—	Negatif
short_prompt_ratio	**+0.1445**	0.1454	—	Positif
kw_score_active	**+0.1437**	0.1477	—	Positif
what_ratio	**-0.1391**	0.1611	—	Negatif
visual_ratio	**-0.1346**	0.1753	—	Negatif
score_visual	**-0.1338**	0.1780	—	Negatif

Lampiran 10. Korelasi Spearman Top 10 Fitur — Dimensi Active / Reflective

DIMENSI: SENSING / INTUITIVE				
Fitur	**ρ (Spearman)**	**p-value**	**Signifikansi**	**Arah**
why_ratio	**+0.2585**	0.0084	✅ Signifikan	Positif
visual_ratio	**+0.2562**	0.0090	✅ Signifikan	Positif
code_request_ratio	**+0.2452**	0.0126	✅ Signifikan	Positif
kw_score_verbal	**+0.2436**	0.0131	✅ Signifikan	Positif
score_global	**-0.2385**	0.0152	✅ Signifikan	Negatif
kw_score_global	**-0.2267**	0.0213	✅ Signifikan	Negatif
visual_verbal_balance	**+0.2035**	0.0393	✅ Signifikan	Positif
kw_score_sequential	**+0.1834**	0.0636	—	Positif
short_prompt_ratio	**-0.1778**	0.0723	—	Negatif
example_request_ratio	**+0.1738**	0.0791	—	Positif

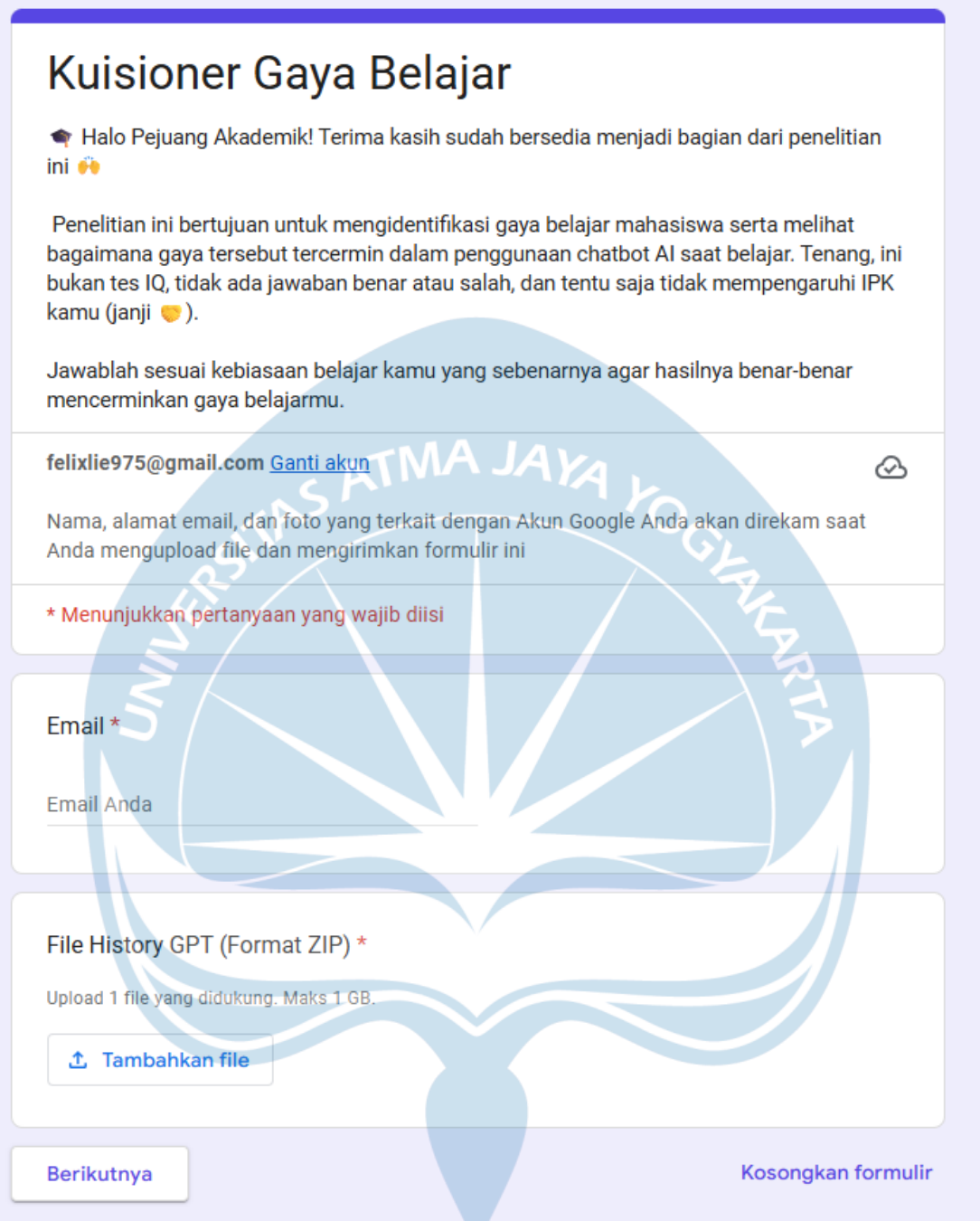
Lampiran 11. Korelasi Spearman Top 10 Fitur — Dimensi Sensing / Intuitive

DIMENSI: VISUAL / VERBAL				
Fitur	**ρ (Spear-man)**	**p-value**	**Signifikansi**	**Arah**
question_ratio	**-0.2984**	0.0022	✅ Signifikan	Negatif
code_request_ratio	**-0.2390**	0.0150	✅ Signifikan	Negatif
kw_score_verbal	**-0.2317**	0.0185	✅ Signifikan	Negatif
visual_verbal_balance	**-0.2059**	0.0370	✅ Signifikan	Negatif
kw_score_visual	**-0.2044**	0.0383	✅ Signifikan	Negatif
kw_score_reflective	**+0.1932**	0.0506	—	Positif
kw_score_sensing	**-0.1924**	0.0515	—	Negatif
why_ratio	**-0.1888**	0.0561	—	Negatif
visual_ratio	**-0.1834**	0.0638	—	Negatif
avg_prompt_length	**-0.1670**	0.0918	—	Negatif

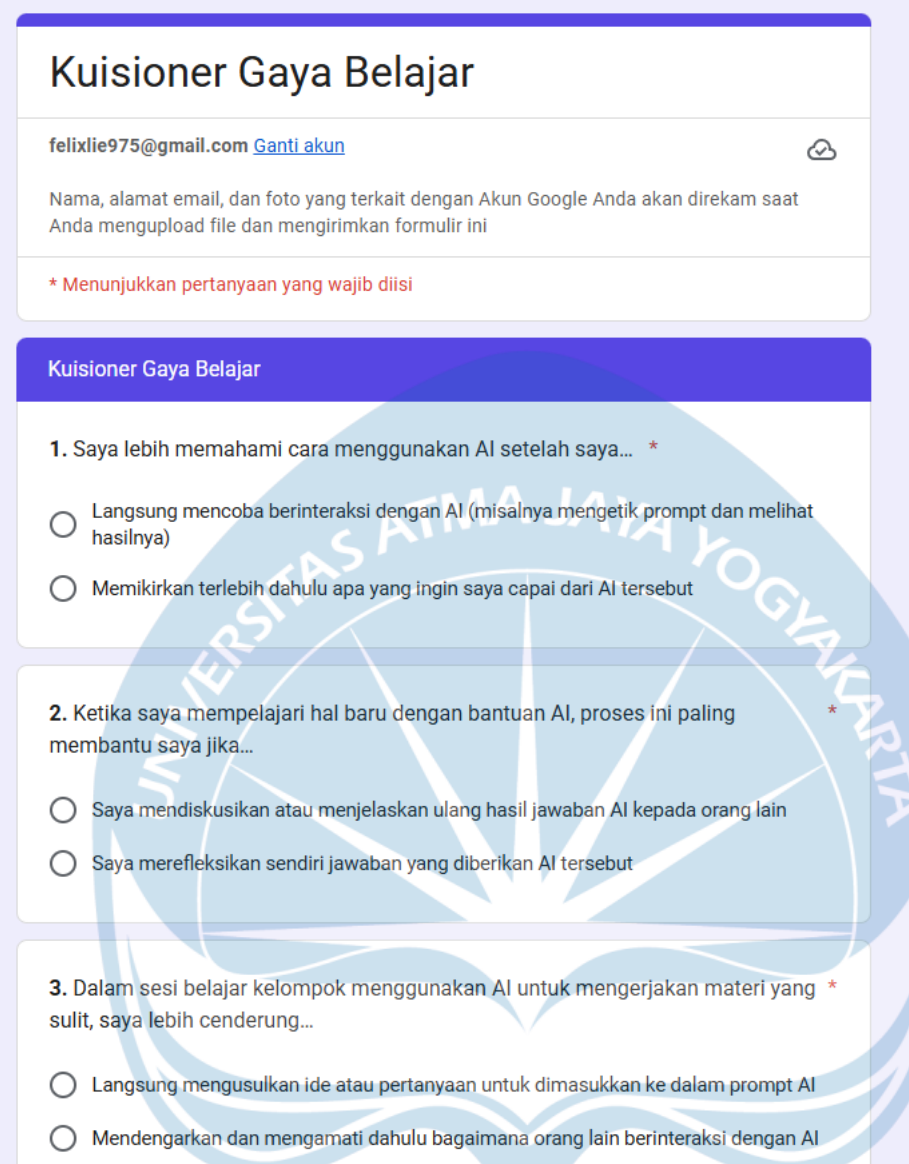
Lampiran 12. Korelasi Spearman Top 10 Fitur — Dimensi Visual / Verbal

DIMENSI: SEQUENTIAL / GLOBAL				
Fitur	**ρ (Spear-man)**	**p-value**	**Signifikansi**	**Arah**
score_global	**-0.3975**	0.0000	✅ Signifikan	Negatif
kw_score_sequential	**+0.3779**	0.0001	✅ Signifikan	Positif
score_sequential	**+0.3574**	0.0002	✅ Signifikan	Positif
list_request_ratio	**+0.3411**	0.0004	✅ Signifikan	Positif
visual_verbal_balance	**+0.3366**	0.0005	✅ Signifikan	Positif
code_request_ratio	**+0.3211**	0.0009	✅ Signifikan	Positif
kw_score_verbal	**+0.3112**	0.0014	✅ Signifikan	Positif
score_verbal	**-0.2897**	0.0030	✅ Signifikan	Negatif
kw_score_global	**-0.2401**	0.0146	✅ Signifikan	Negatif
visual_ratio	**+0.2359**	0.0165	✅ Signifikan	Positif

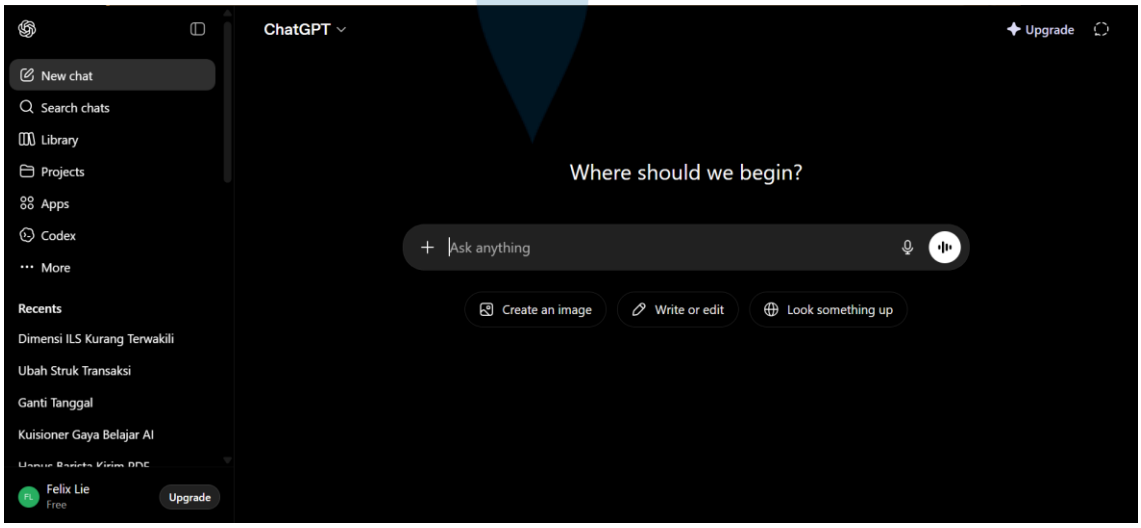
Lampiran 13. Korelasi Spearman Top 10 Fitur — Dimensi Sequential / Global

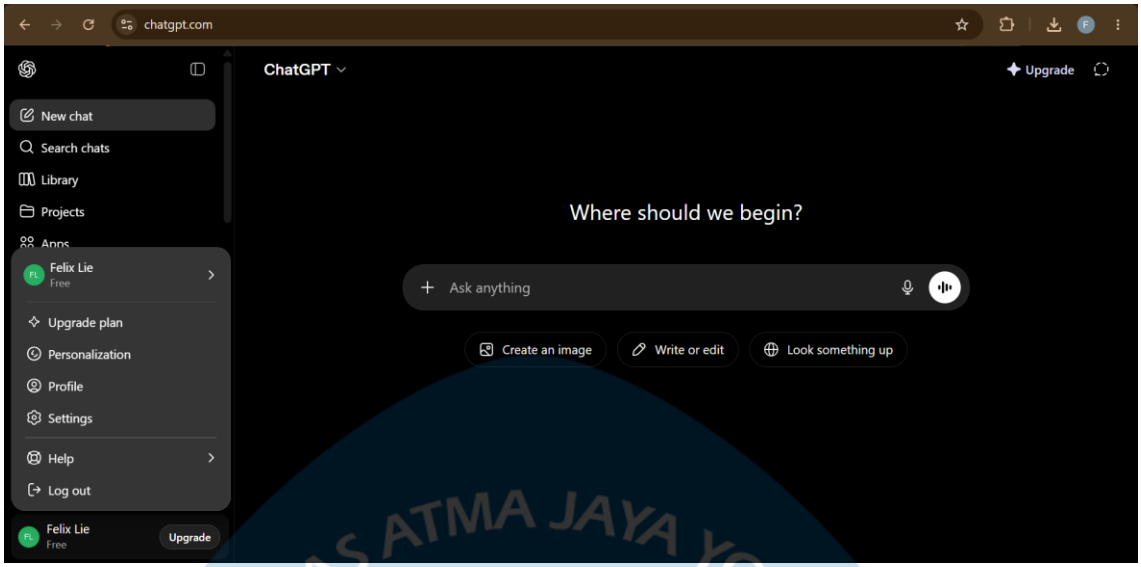


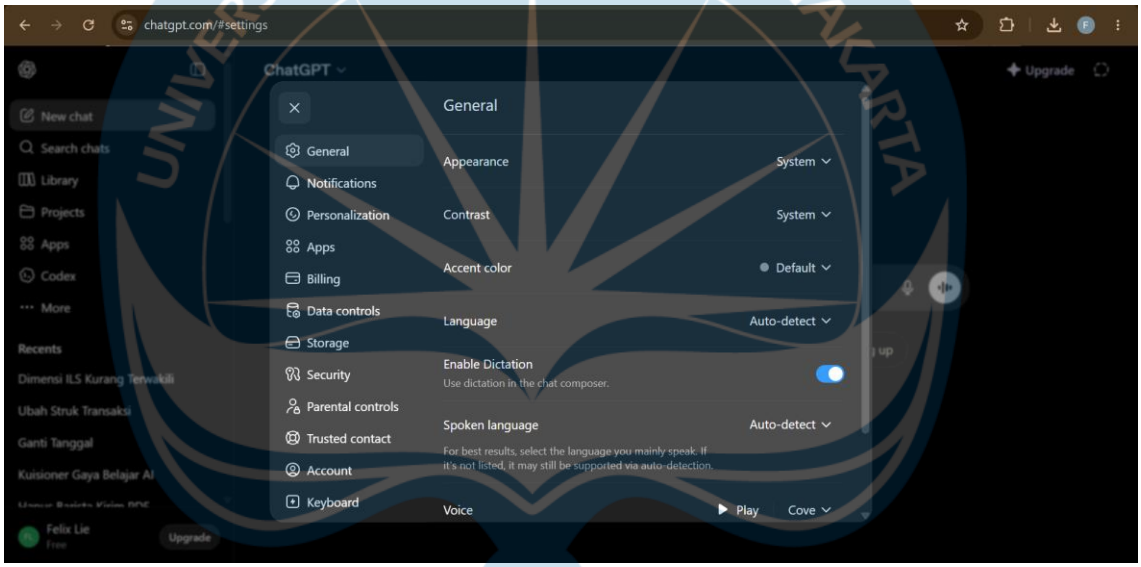
Lampiran 14. Tampilan Google Form Pengumpulan Data

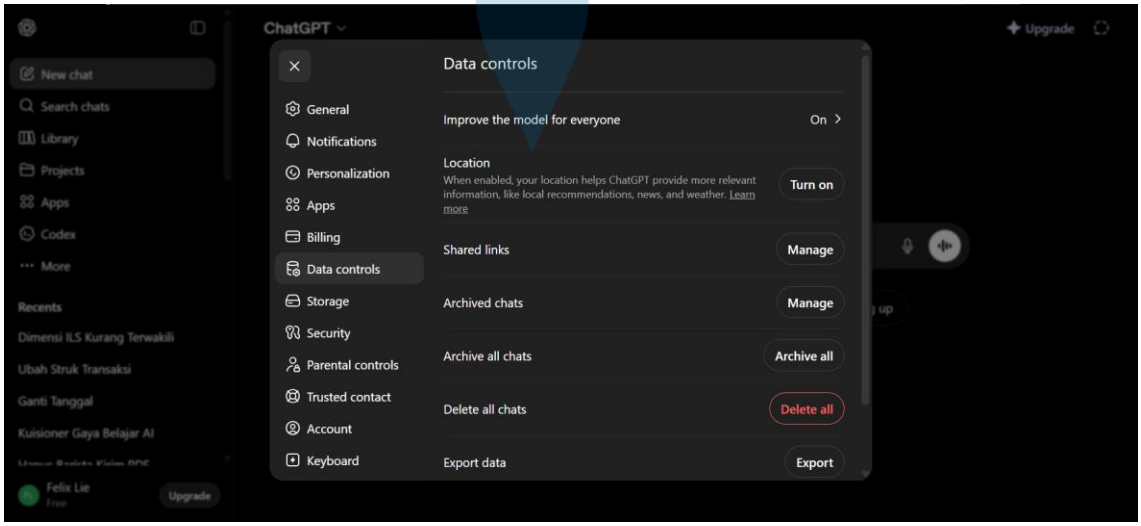


Lampiran 15. Tampilan Soal Kuisioner Gaya Belajar pada Google Form

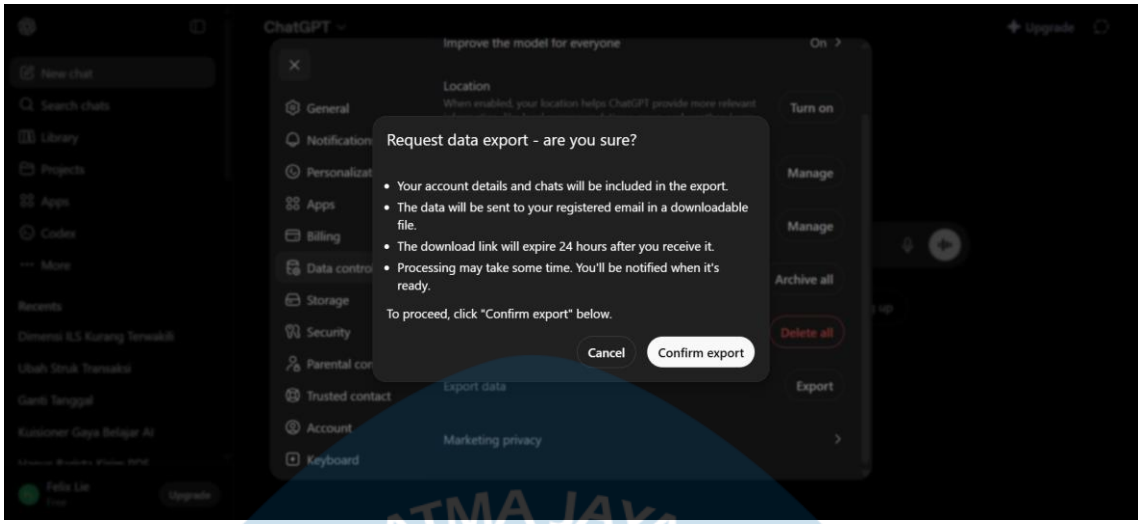




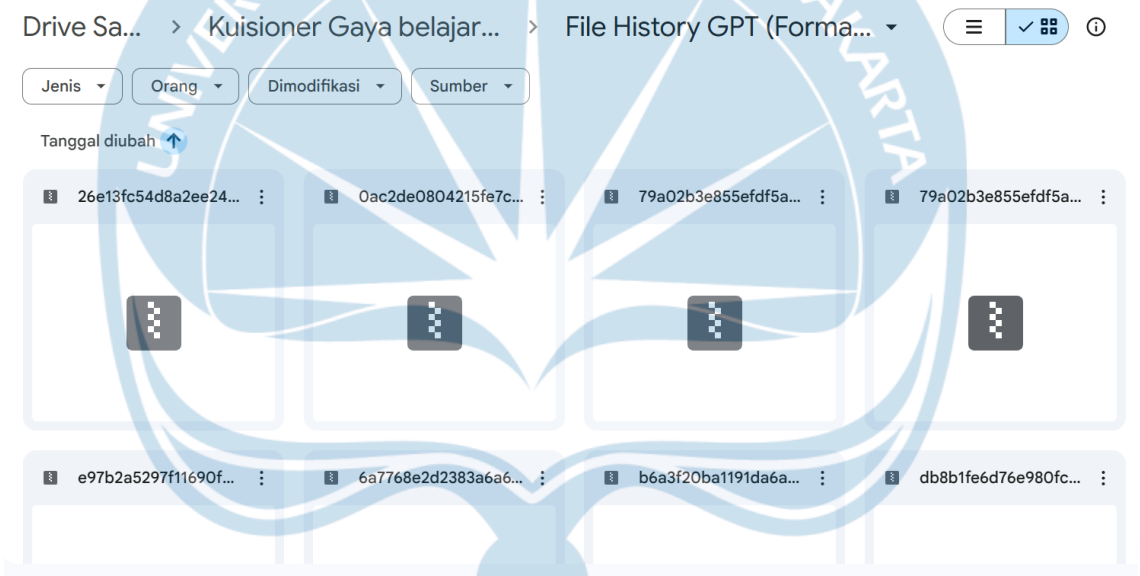




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Lampiran 16. Langkah-Langkah Ekspor Riwayat ChatGPT



Lampiran 17. Tampilan File ZIP Riwayat ChatGPT yang Terkumpul dari Partisipan pada Google Drive

No	User ID	Total Prompt
1	user_001	731
2	user_002	469
3	user_003	71
4	user_004	10
5	user_005	765
6	user_006	3
7	user_007	715

No	User ID	Total Prompt
8	user_008	772
9	user_009	436
10	user_010	62
11	user_011	62
12	user_012	62
13	user_013	818
14	user_014	469
15	user_015	1068
16	user_016	11
17	user_017	680
18	user_018	41
19	user_019	31
20	user_020	575
21	user_021	877
22	user_022	20
23	user_023	575
24	user_024	410
25	user_025	733
26	user_026	621
27	user_027	324
28	user_028	893
29	user_029	877
30	user_030	449
31	user_031	501
32	user_032	195
33	user_033	250
34	user_034	412
35	user_035	424
36	user_036	502
37	user_037	818
38	user_038	35
39	user_039	985

No	User ID	Total Prompt
40	user_040	581
41	user_041	424
42	user_042	183
43	user_043	436
44	user_044	409
45	user_045	535
46	user_046	324
47	user_047	731
48	user_048	21
49	user_049	469
50	user_050	23
51	user_051	487
52	user_052	429
53	user_053	542
54	user_054	415
55	user_055	403
56	user_056	245
57	user_057	328
58	user_058	210
59	user_059	227
60	user_060	223
61	user_061	453
62	user_062	471
63	user_063	424
64	user_064	14
65	user_065	720
66	user_066	820
67	user_067	755
68	user_068	453
69	user_069	884
70	user_070	694
71	user_071	865

No	User ID	Total Prompt
72	user_072	517
73	user_073	895
74	user_074	807
75	user_075	441
76	user_076	532
77	user_077	899
78	user_078	752
79	user_079	378
80	user_080	494
81	user_081	352
82	user_082	519
83	user_083	664
84	user_084	336
85	user_085	1747
86	user_086	556
87	user_087	440
88	user_088	502
89	user_089	409
90	user_090	345
91	user_091	335
92	user_092	625
93	user_093	818
94	user_094	502
95	user_095	424
96	user_096	454
97	user_097	339
98	user_098	74
99	user_099	581
100	user_100	818
101	user_101	5
102	user_102	353
103	user_103	818

No	User ID	Total Prompt
104	user_104	3
	Total	**49.684**

Lampiran 18. Rekap Data Partisipan

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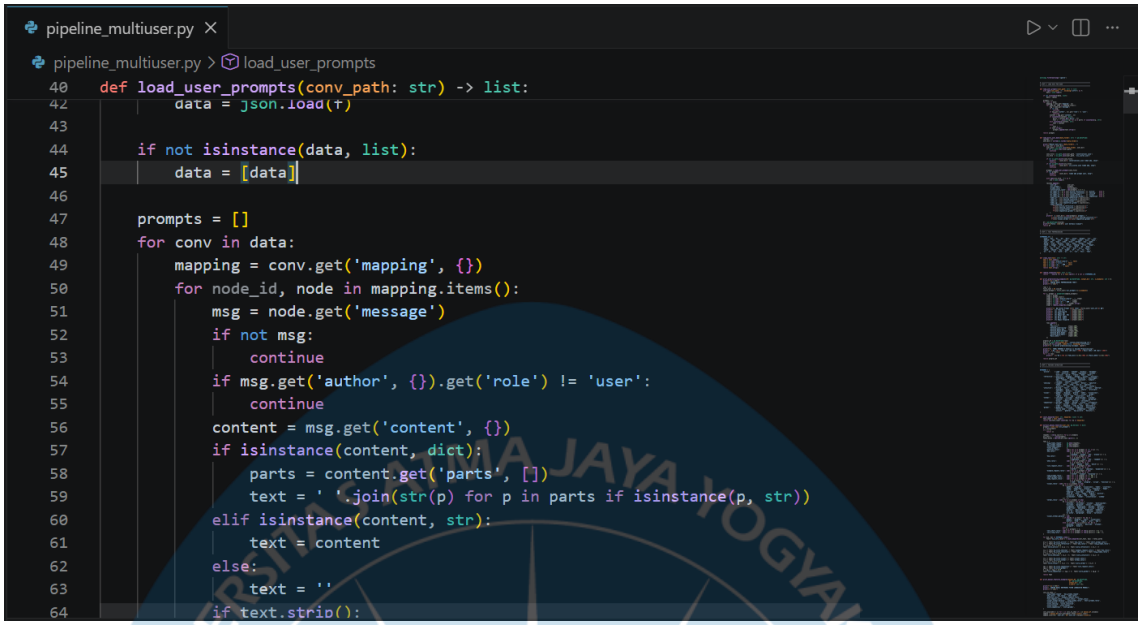
No	Teks Asli	Setelah Lowercasing	Setelah Hapus URL	Setelah Hapus Karakter Khusus	Setelah Normalisasi Angka	Setelah Normalisasi Spasi	Hasil Akhir
1	jadi kasi rangkuman kayak gini Ada redudansi / tumpang tindih di sini: Bagian Masalah 3.1 Tahapan Penelitian Sudah menjelaskan metode...	jadi kasi rangkuman kayak gini ada redudansi / tumpang tindih di sini: bagian masalah 3.1 tahapan penelitian sudah menjelaskan metode...	jadi kasi rangkuman kayak gini ada redudansi / tumpang tindih di sini: bagian masalah 3.1 tahapan penelitian sudah menjelaskan metode...	jadi kasi rangkuman kayak gini ada redudansi tumpang tindih di sini bagian masalah 3 1 tahapan penelitian sudah menjelaskan metode observasi wawancara...	jadi kasi rangkuman kayak gini ada redudansi tumpang tindih di sini bagian masalah NUM NUM tahapan penelitian sudah menjelaskan metode observasi...	jadi kasi rangkuman kayak gini ada redudansi tumpang tindih di sini bagian masalah NUM NUM tahapan penelitian sudah menjelaskan metode observasi wawancara dokumen padahal harusnya hanya tahapan proses	jadi kasi rangkuman kayak gini redudansi tumpang tindih sini bagian masalah NUM NUM tahapan penelitian menjelaskan metode observasi wawancara dokumen padahal harusnya hanya tahapan proses NUM NUM meto...
2	BAB III METODOLOGI PENELITIAN 3.1 Lokasi dan Kondisi Penelitian Penelitian ini dilaksanakan di salah satu Depo Logistik Perusahaan XYZ...	bab iii metodologi penelitian 3.1 lokasi dan kondisi penelitian penelitian ini dilaksanakan di salah satu depo logistik perusahaan xyz...	bab iii metodologi penelitian 3.1 lokasi dan kondisi penelitian penelitian ini dilaksanakan di salah satu depo logistik perusahaan xyz...	bab iii metodologi penelitian 3 1 lokasi dan kondisi penelitian penelitian ini dilaksanakan di salah satu depo logistik perusahaan xyz...	bab iii metodologi penelitian NUM NUM lokasi dan kondisi penelitian penelitian ini dilaksanakan di salah satu depo logistik perusahaan xyz...	bab iii metodologi penelitian NUM NUM lokasi dan kondisi penelitian penelitian ini dilaksanakan di salah satu depo logistik perusahaan xyz merupakan fasilitas operasional...	bab iii metodologi penelitian NUM NUM lokasi kondisi penelitian penelitian dilaksanakan salah satu depo logistik perusahaan xyz merupakan fasilitas operasional menangani proses penggabungan muatan pel...
3	kalau nama strukturnya diganti metode penelitian?	kalau nama strukturnya diganti metode penelitian?	kalau nama strukturnya diganti metode penelitian?	kalau nama strukturnya diganti metode penelitian	kalau nama strukturnya diganti metode penelitian	kalau nama strukturnya diganti metode penelitian	kalau nama strukturnya diganti metode penelitian

Lampiran 19. Contoh Hasil Preprocessing Teks

Fitur	User_001	User_002	User_003
total_prompts	731	469	71
avg_prompt_length	145.881	70.9062	91.338
max_prompt_length	5760	1733	1092
why_ratio	0.0616	0.0235	0.0704
how_ratio	0.1642	0.1962	0.0845
what_ratio	0.3133	0.3092	0.1972
question_ratio	0.2148	0.2004	0.1972
example_request_ratio	0.0356	0.0405	0.0141
list_request_ratio	0.0561	0.0896	0.0282
visual_ratio	0.2202	0.2047	0.3380
verbal_ratio	0.0876	0.1493	0.0845
visual_verbal_balance	0.0711	0.0171	0.2958
long_prompt_ratio	0.2449	0.2836	0.3239
short_prompt_ratio	0.4514	0.1940	0.3380
score_active	0.6687	0.5632	0.5208
score_reflective	0.3313	0.4368	0.4792
score_sensing	0.4133	0.4626	0.2185
score_intuitive	0.5867	0.5374	0.7815
score_visual	0.7125	0.5751	0.7639

score_verbal	0.2875	0.4249	0.2361
score_sequential	0.9780	0.9984	1.0000
score_global	0.0220	0.0016	0.0000

Lampiran 20. Contoh Fitur Linguistik Manual (3 Partisipan)



```python
def load_user_prompts(conv_path: str) -> list:
    data = json.load(f)

    if not isinstance(data, list):
        data = [data]

    prompts = []
    for conv in data:
        mapping = conv.get('mapping', {})
        for node_id, node in mapping.items():
            msg = node.get('message')
            if not msg:
                continue
            if msg.get('author', {}).get('role') != 'user':
                continue
            content = msg.get('content', {})
            if isinstance(content, dict):
                parts = content.get('parts', [])
                text = ' '.join(str(p) for p in parts if isinstance(p, str))
            elif isinstance(content, str):
                text = content
            else:
                text = ''
            if text.strip():
```

Lampiran 21. Kode Pipeline_multiuser.py

Reliability Statistics

Cronbach's Alpha	N of Items
.805	11

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q1	2.97	7.068	.176	.822
Q2	3.50	6.741	.588	.784
Q3	2.97	6.861	.259	.813
Q4	3.43	6.599	.525	.785
Q5	3.27	6.064	.623	.772
Q6	3.43	6.875	.376	.798
Q7	3.10	6.024	.594	.775
Q8	3.10	6.093	.563	.779
Q9	3.43	6.875	.376	.798
Q10	3.43	6.530	.564	.782
Q11	3.37	6.240	.624	.774

Lampiran 21. Hasil Uji Validitas Reliabilitas Dimensi Active Reflective

Reliability Statistics

Cronbach's Alpha	N of Items
.939	11

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q12	7.13	12.602	.708	.935
Q13	7.07	12.409	.794	.931
Q14	7.13	12.464	.751	.933
Q15	7.13	12.464	.751	.933
Q16	6.87	12.878	.870	.929
Q17	6.90	12.990	.762	.932
Q18	6.87	12.878	.870	.929
Q19	6.90	12.990	.762	.932
Q20	6.90	12.990	.762	.932
Q21	7.07	12.340	.816	.930
Q22	7.03	13.757	.394	.947

Lampiran 22. Hasil Uji Validitas Reliabilitas Dimensi Sensing Intuitive

Reliability Statistics

Cronbach's Alpha	N of Items
.988	11

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q23	2.93	19.099	.916	.987
Q24	2.97	18.930	.991	.985
Q25	2.97	18.930	.991	.985
Q26	2.93	19.099	.916	.987
Q27	2.97	18.930	.991	.985
Q28	3.00	19.310	.925	.987
Q29	3.03	19.757	.843	.988
Q30	2.97	18.930	.991	.985
Q31	3.00	19.310	.925	.987
Q32	2.97	18.930	.991	.985
Q33	2.93	19.651	.773	.990

Lampiran 23. Hasil Uji Validitas Reliabilitas Dimensi Visual Verbal

Reliability Statistics

Cronbach's Alpha	N of Items
.894	11

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q34	7.67	8.368	.777	.875
Q35	7.67	8.506	.719	.878
Q36	7.53	9.085	.666	.883
Q37	7.63	8.309	.846	.871
Q38	7.63	8.723	.663	.882
Q39	7.57	9.151	.566	.888
Q40	7.67	8.299	.807	.873
Q41	7.53	9.499	.457	.893
Q42	7.63	9.206	.461	.894
Q43	7.83	8.764	.528	.892
Q44	7.63	9.413	.377	.899

Lampiran 24. Hasil Uji Validitas Reliabilitas Dimensi Sequential Global