	GPT - o4 - mini															Deposesk-R1																																				
		Baseline CompeteRAG															Baseline CompeteRAG														Goal																					
					Zero-St	hot				RAG					RAG + Keras Tuner						Zero-Shot									RAG							RAG + Keras Tuner									luman						
	Competitions	Public Score	Private Score	Training Accuracy	Validation Accuracy	Training RMSE		Validation RMSE Training Time	Albempts	Public Score	Private Score	Training Accuracy	Validation Accuracy	Training RMSE	Validation PMSE	Training Time	Alberrpds	Public Score	Private Score	Training Accuracy	Velidation Accuracy	Training RMSE	Validation PMSE	Training Time	Albernphs	Public Score	Private Score	Training Accuracy	Validation Accuracy	Training RMSE	Validation PMSE	Training Time	Attempts	Public Score	Private Score	Training Accuracy	Validation Accuracy	Training RMSE	Validation PMSE	Training Time	Altempts	Public Score	Private Score	Training Accuracy	Validation Accuracy	Training RMSE	Validation PMSE	Training Time	Albempts	Public Score Accuracy	FAMSE	Training time
	CR1	0.06						3.63 341.00			0.22		-	36.03		51 363		0.06				3.8		62 1342.3		0.06			-	3.612		625.00		0.08	0.08				3.7091		1	0.06	0.06	-	-		3.64		2	0.06 -		
	CR2		144124.88					3.22 21.00			153422		-	14.54		52 1247			2542.3			14.6		39 1468.4			173255.80				5 13.2				107238.84			13.24		1687.54		13.32 113					13.23			11.45 -		
	CR3	39.16	38.96					8.95 140.00			40.53	-	-	40.38		46 550			40.5	3 -		40.3		36 2143.1		39.21	39.01				6 38.99			39.12	38.91			39.02		283.27	2	39.19					38.91	0.05	3	38.62 -		
	CR4	0.18	0.32					1.67 103.00			. N/A	-	-	N/A		/A 44			N/A	٠.		N/A		/A 788.2		0.18	0.24				0 126.57		71 1	0.32	0.31			182.05		12.73	- 1	2.52	2.20				91.89		- 1	0.04 -		
	CR5	1.17	1.18					2.87 554.00			1.07		-	926.95	916.			1.07						94 2688.7		1.16	1.17				1 861.033			1.06	1.06			755.50		440.25	- 1	1.06	1.06			757.70			- 1	1.02 -		
			65541.46					136.1 100.00			66544.7		-	51990.73		09 195			66495.0					86 736.2			63518.50					221.00		73233.07	64126.87				75192.67		2 73	784.82 64			- 75	192.67 70			3 62	917.06 -		
	CR7	1.28	1.28					0.83 90.40			1.27		-	0.86		82 156		1.42						02 3204.6		1.42	1.41				3 0.02639			1.42	1.42			0.01		280.44	3	1.26	1.26				0.11		- 1	0.84 -		
	CR8	8.09	8.02					8.06 137.60			8.56		-	8.34		52 205		8.65				8.1		52 525.9		15.77	19.99				0 12.12			7.95	7.90			7.90			- 1	7.95	7.89	-			7.88		- 1	7.85 -		
	CR9	0.74	0.74					19.84 63.91			0.63		-	2203.88		33 250		0.79						66 1714.2		0.79	0.80				7 1326.00			0.42	0.42			0.17		120.11	1	0.40	0.40	-			0.42		1	0.29 -		
	CR10	0.18	0.18				0.17	0.17 39.18	3 2	0.30	0.30		-	0.65	0.	65 73	.56 1	0.30	0.3	0 -		0.4	2 0.	41 323.9	6 1	0.16	0.16			0.	4 0.1	54 50	4 1	0.33	0.33	-		0.30	0.23	127.11	3	0.23	0.23			0.42	0.30	508.39	2	0.14 -		- 19
§ ⟨		7454.05	20971.71			823	4.97 743	39.54 159.0	1.80	8402.08	177869.			6135.82	5889	84 418	.28 1.50	8402.92	7676.6	8		5291.1	5 5129	31 1493.5	9 1.70	7255.60	23683.71			7057.0	6 6289.	2 347.0	3 1.60	7329.71	17141.61			7478.92	7621.31	326.52	1.70 7	385.08 18	175.80		- 1	611.06	7133.71	656.81	1.70 6	297.74		64.00
	CC1	0.27	0.27	0.2	8 0.28	-		- 342.00) 2	0.29	0.29	0.29	0.29	-		544	.31 3	0.29	0.2	9 0.30	0.29			3795.5	0 1	0.00	0.00	0.2	8 0.28			1158.00	14 2	0.30	0.30	0.30	0.30	-		63.71	- 1	0.30	0.30	0.30	0.17	-		79.30	- 1	0.38 -		- 28
	CC2	0.84	0.87	0.8	8 0.85			- 5.00	2	0.86	0.89	0.87	0.86	-		21	.97 1	0.84	0.8	8 0.86	0.85		-	26.2	4 1	0.85	0.85	0.8	3 0.86			2.00	12 2	0.86	0.89	0.90	0.88			8.54	2	0.85	0.90	0.90	0.86	-		11.89	- 1	0.91 -		- 56
	CC3	0.94	0.94	0.9	4 0.94			. 89.00) 5	0.94	0.94	0.94	0.94	-		40	.82 1	0.94	0.9	4 0.94	0.94		-	188.1	3 2	0.94	0.94	0.9	4 0.93			22.00	7 1	0.82	0.82	0.00	0.00	-		25.23	- 1	N/A	N/A	N/A	N/A	-		N/A	5	0.94 .		. 124
8 0	CC4	0.93	0.93	0.9	5 0.94			. 29.00	2	0.86	0.85	0.95	0.95	-		114	.04 1	0.85	0.8	4 0.95	0.95		-	138.5	7 3	0.93	0.93	0.9	5 0.95			20.00	1 1	0.93	0.93	0.94	0.94			80.78	1	0.93	0.93	0.95	0.95	-		170.59	2	0.97 .		. 32
8 0	CC5	0.57	0.57	0.5	7 0.55			. 25.46	5 1	0.57	0.57	0.55	0.57	-		107	.86 2	0.88	0.8	8 0.86	0.88		-	249.2	8 I	0.56	0.56	0.5	7 0.55			22.08	38 1	0.57	0.57	1.00	1.00			47.77	4	0.49	0.49	1.00	1.00	-		51.28	2	1.00 .		. 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CC6	0.88	0.88	0.9	6 0.95			. 120.40	1	0.90	0.90	0.99	0.99			865	.79 1	0.88	0.8	9 0.99	0.98			732.1	5 1	0.90	0.90	0.9	6 0.96			99.30	3 2	0.89	0.89	0.97	0.98			30.88	3	0.89	0.89	0.98	0.98			32.51	1	0.99 .		. 27
8 6	CC7	0.79	0.79	0.9	9 0.77			- 516.00	2	0.86	0.86	0.83	0.86			607	.29 1	0.90		0.89				4625.4	3 1	0.82	0.82	1.0	0 0.75			160	.8 1	0.95	0.95	0.93	0.95			56.21	3	0.96	0.96	0.95	0.96		. 1	12421.66	2	1.00 .		. 80
	CC8	0.65	0.65	0.8	1 0.81			- 450.80	2	0.73	0.74	0.82	0.82		-	77	.92 1	0.73	0.7	4 0.82	0.82	-	-	778.6		0.72	0.72	0.8	9 0.80			354	.8 2	0.77	0.77	0.83	0.82	-		20.49	4	0.77	0.78	0.83	0.82	-		240.66	1	0.79 -		- 87
	CC9	0.37	0.37					- 39.60	1	0.71	0.71	0.85	0.88	-		124	.35 1	0.75	0.7	5 0.96	0.97		-	412.2	4 1	0.63	0.63	0.7	8 0.77			36	.8 1	0.71	0.71	0.84	0.85	-		54.11	1	0.73	0.73	0.89	0.86	-	-	63.60	1	1.00 -		- 7
	CC10	0.14	0.14	0.8	6 0.86			- 66.80	1	0.14	0.14	0.86	0.86			127	.31 1	0.14	0.1	4 0.86	0.86		-	78.0	6 2	0.14	0.14	0.8	6 0.86			70	.3 1	0.12	0.12	0.88	0.88	-		57.17	- 1	0.14	0.14	0.06	0.06		-	55.76	3	0.10 -		- 3
S/S		0.64	0.64	0.7	4 0.71			168.4	1 1 90	0.69	0.69	0.79	0.80			263	17 1 30	0.72	0.7	0.84	0.84			1102.4	2 1.50	0.65	0.65	0.8	1 0	,		1944	51 1.40	0.69	0.70	0.76	0.76			44.49	2 10	0.67	0.68	0.76	0.74			1458 58	1 90	0.81		44 50