Final Year Project Plan

Using Machine Learning In Electricity Markets

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	TASK TITLE	START DATE	DUE DATE	DURATION	PROGRESS
1	**Project Goals and Background**				
1.1	Define goals	01/11/23	08/11/23	7	100%
1.2	Read Literature	08/11/23	22/12/23	44	60%
1.3	Identify deliverables	08/11/23	22/11/23	14	100%
1.4	Initial Research	15/11/23	29/11/23	14	100%
1.5	Statistical Analysis Labs	15/11/23	25/12/23	40	60%
2	**Interim Report**				
2.1	Identify Feautres	06/12/23	22/12/23	16	60%
2.2	Project specification - Write up	21/12/23	24/12/23	3	0%
2.3	Background	24/12/23	27/12/23	3	0%
2.4	Implementation	28/12/23	04/01/24	6	0%
2.5	Project Plan	03/01/24	05/01/24	2	0%
2.6	Evaluation Plan	05/01/24	07/01/24	2	0%
2.7	Finalize Interim Report - 10%	07/01/24	19/01/24	12	0%
3	**Project Initiation and Execution**				
3.1	Data Collection and Cleaning	25/12/23	08/01/24	13	0%
3.2	Experiment	08/01/24	14/01/24	6	0%
3.3	Neural Network Implementation	15/01/24	12/02/24	27	0%
3.3.1	Training and Testing	12/02/24	27/02/24	15	0%
3.3.2	Regulization and Optimization	12/02/24	27/02/24	15	0%
3.4	Hyperparamater Tuning	25/02/24	03/03/24	8	0%
4	**Project Evaluation**				
4.1	Establish Benchmark Models	03/03/24	24/03/24	21	0%
4.2	Performance Metrics	24/03/24	31/03/24	7	0%
4.3	Evaluate Computational Cost	29/03/24	31/03/24	2	0%
5	**Final Report**				
5.1	Introduction	30/03/24	06/05/24	36	0%
5.2	Background	30/03/24	06/05/24	36	0%
5.3	Analysis and Design	30/03/24	06/05/24	36	0%
5.4	Implementation	12/04/24	10/05/24	28	0%
5.5.1	Testing	12/04/24	10/05/24	28	0%
5.5.2	Results	12/04/24	10/05/24	28	0%
5.6	Evaluation	22/04/24	30/05/24	38	0%
5.7	Conclusions and Further Work	22/04/24	30/05/24	38	0%
5.8	Bibliography	30/05/24	03/06/24	3	0%
5.9	Appendices	30/05/24	03/06/24	3	0%
6	**Abstract and Draft Report**				
6.1	Abstract - Write up	15/05/24	20/05/24	5	0%
6.2	Submit Detailed Draft	20/05/24	27/05/24	7	0%
6.3	Feedback and Improvements	27/05/24	10/06/24	13	0%
7	**Presentation**				
7.1	Create Presentation	15/06/24	20/06/24	5	0%
7.2	Demonstration	15/06/24	21/06/24	6	0%
7.3	Transcript	20/06/24	22/06/24	2	0%