Gantt Chart Before Midterm:

Computer Science Final Project - Timetable

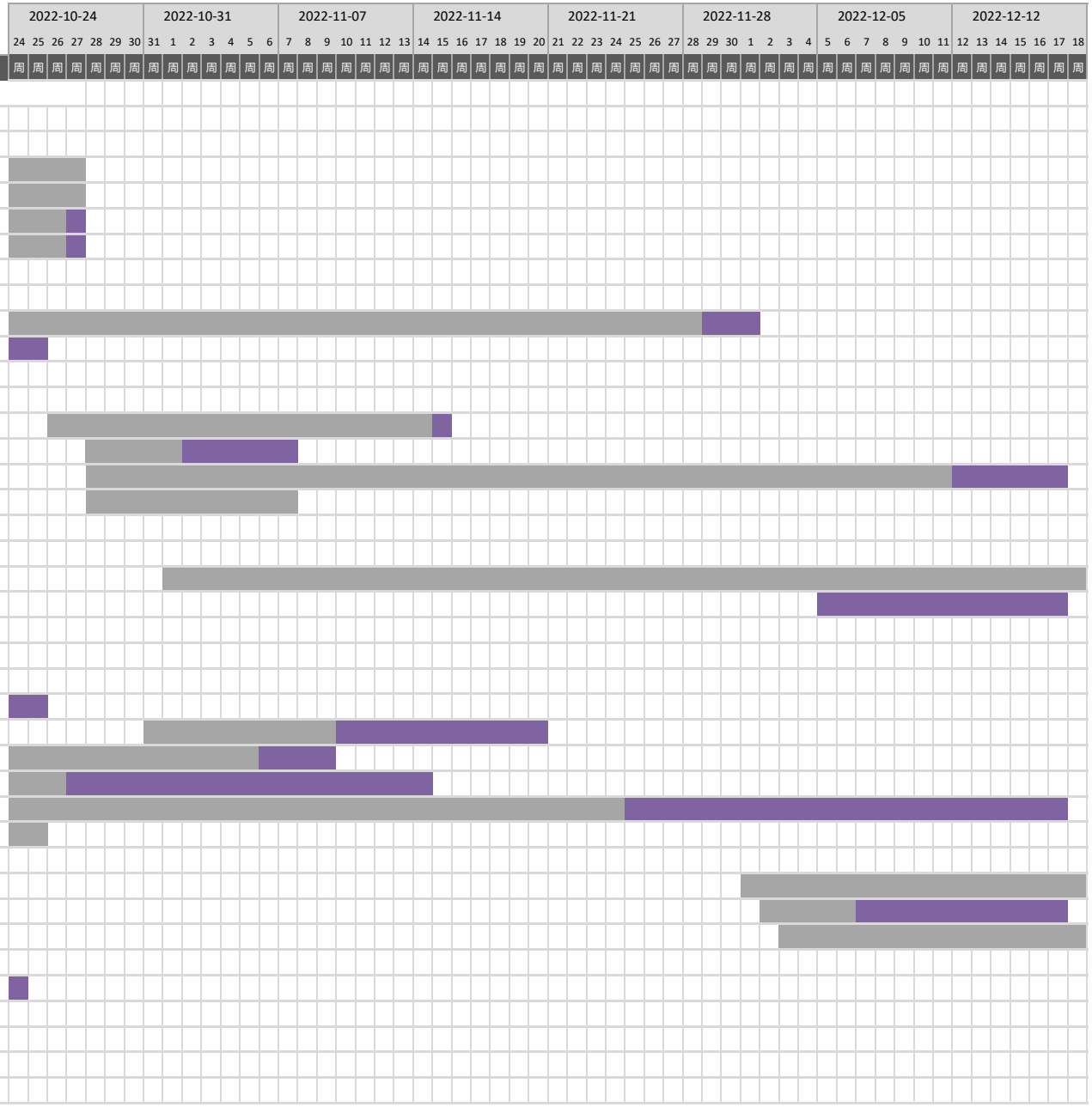
(Freda) Xiaoyun Yu
UOL student number: 190178194

SIMPLE GANTT CHART by Vertex42.com
https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

Project Starts:	10/10/22
Project Ends:	26/03/23
Display Week:	3

Change the week number to see more ->

TASK	Milestone Date	PROGRESS	START	END
Initial Plan				
Choose a project template		100%	10/10/22	17/10/22
Choose a subject for the machine learning		100%	10/10/22	27/10/22
Choose the database - settle down text classification		100%	10/10/22	27/10/22
Collect datasets from Kaggle.com		99%	10/10/22	27/10/22
Explore EventRegistry.com for API		99%	10/10/22	27/10/22
Set up the Github & cloud backup routes		50%	10/10/22	14/10/22
Settle down the Jupyter Notebook platform		95%	10/10/22	01/12/22
Read machine learning books (esp.Chollet)		80%	10/10/22	25/10/22
			10/10/22	12/10/22
Discovery				
Literature review - download papers & books; citations		98%	26/10/22	15/11/22
Write Aims		50%	28/10/22	07/11/22
Midterm: write Project Proposal File	**20/12/2022**	70%	28/10/22	31/12/22
Implement initial codes to discover, and try ML		100%	28/10/22	07/11/22
Learn: CNN, how to change settings		20%	01/12/22	20/01/22
Learn: RNN, how to change settings		20%	01/12/22	20/01/22
Literature Review File	**30/10/2022**	99%	01/11/22	31/12/22
ML: tuning hyperparameters plan - NNI?	**09/12/2022**		05/12/22	20/12/22
Design				
Plan for the Gantt Chart		90%	10/10/22	25/10/22
Project Design File: Write how I collected dataset		50%	31/10/22	20/11/22
Project Design File: Project sections design		90%	10/10/22	09/11/22
Project Design File: Evaluation plan		30%	20/10/22	14/11/22
Project Design File (4 pages for midterm)		60%	20/10/22	19/12/22
First code implementation (prototype)		100%	20/10/22	25/10/22
Pitch Video: slides	**16/12/2022**	80%	01/12/22	25/12/22
Pitch Video: presentation words		30%	02/12/22	20/12/22
Pitch Video: video	**18/12/2022**	80%	03/12/22	31/12/22
Task 5			20/10/22	24/10/22
Development				
Preprocessing: write expand contraction codes	**14/10/2022**	100%	14/10/22	14/10/22
Collection: Gather data using API from EventRegistry		100%	15/10/22	22/10/22



Change the week number to see more ->

Display Week: 3

TASK	Milestone Date	PROGRESS	START	END
Collection: Validate the JSON files	25/10/2022	100%	25/10/22	25/10/22
Preprocessing: Transform JSON -> EXCEL or CSV	25/10/2022	100%	25/10/22	25/10/22
Preprocessing: Clean data, combine to one excel file	25/10/2022	100%	25/10/22	25/10/22
Preprocessing: Regularise the texts	25/10/2022	100%	25/10/22	25/10/22
Preprocessing: feed the data to Tensorflow	25/10/2022	100%	25/10/22	25/10/22
ML: Try on a small neural network model	25/10/2022	100%	25/10/22	25/10/22
Extra: LDA	25/10/2022	100%	25/10/22	25/10/22
ML: an overfitting neural network model	09/12/2022	100%	25/11/22	09/12/22
NLP: use a vectoriser and a classifier	09/12/2022	100%	01/12/22	09/12/22
NLP: use >5 methods			01/12/22	31/12/22
ML: tuning hyperparameters - practice		20%	01/12/22	25/12/22
ML: try LSTM		0%	01/12/22	17/12/22
ML: try CNN		50%	09/12/22	09/12/22
ML: try NNI		20%	09/12/22	31/12/22
Testing			15/12/22	15/02/22
Iteration				
Delivery				
Demonstration video for final term			15/03/23	31/03/23
Report: keep experiment records			01/12/22	2022/03/311
Report: write methods intro			01/12/22	31/01/22
Report: write all the final report text descriptions			01/12/22	06/03/23

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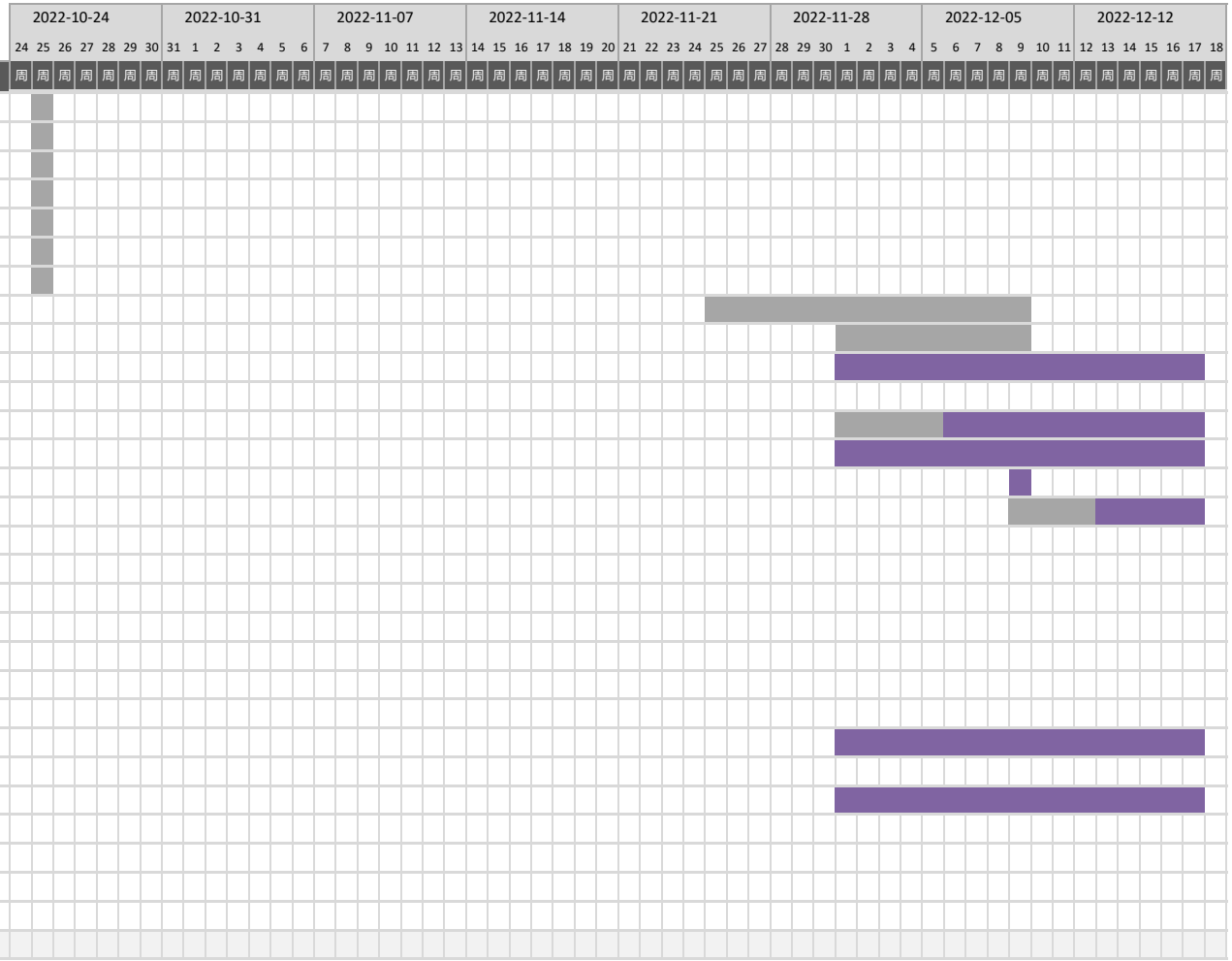

Gantt Chart After Midterm:

Computer Science Final Project - Timetable

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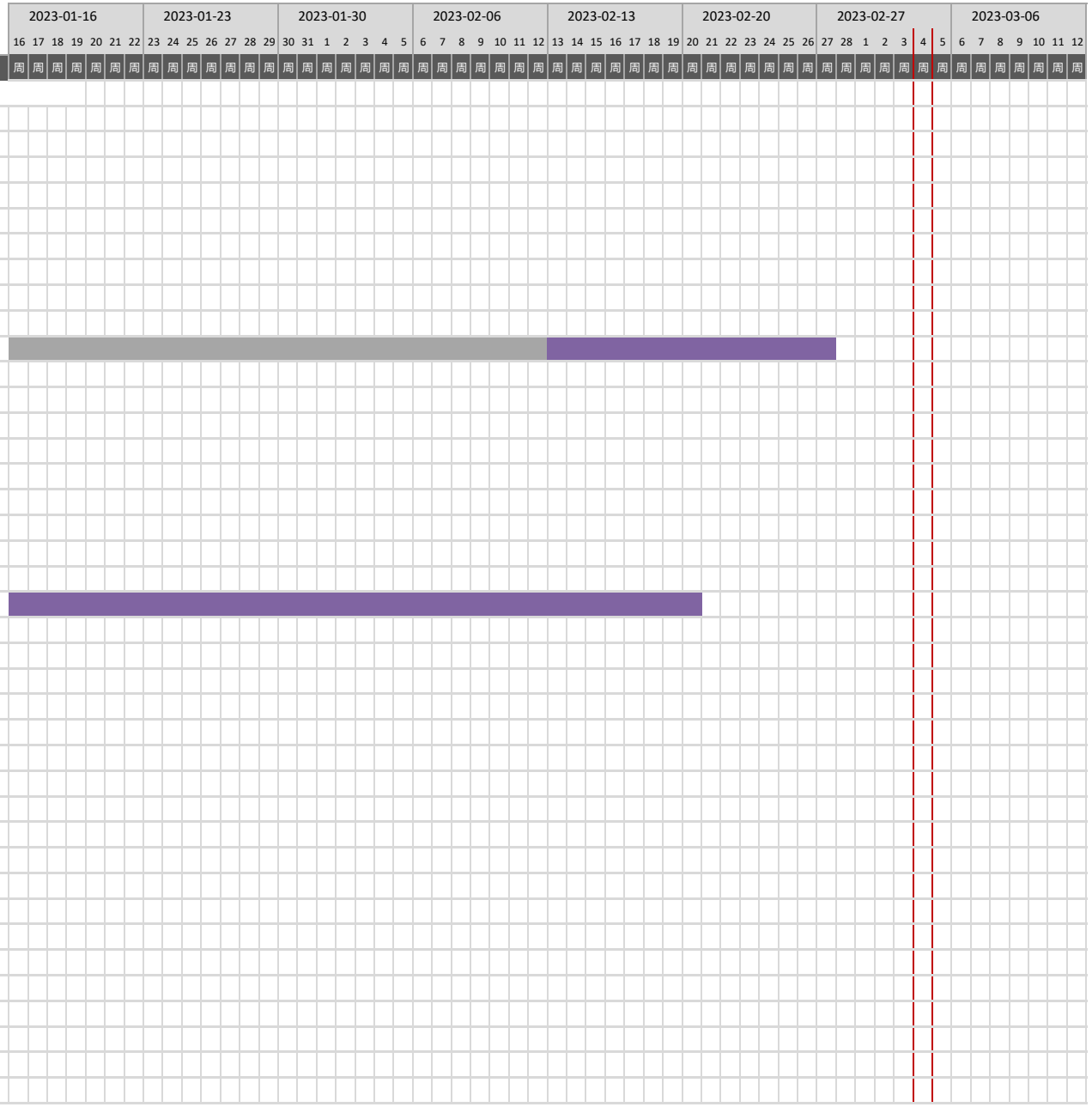
Project Starts:	10/10/22
Project Ends:	13/03/23
Display Week:	15

Change the week number to see more ->

TASK	Milestone Date	PROGRESS	START	END
Initial Plan				
Choose a project template		100%	10/10/22	17/10/22
Choose a subject for the machine learning		100%	10/10/22	27/10/22
Choose the database - settle down text classification		100%	10/10/22	27/10/22
Collect datasets from Kaggle.com		99%	10/10/22	27/10/22
Explore EventRegistry.com for API		99%	10/10/22	27/10/22
Set up the Github & cloud backup routes	25/02/2023	100%	10/10/22	14/10/22
Settle down the Jupyter Notebook platform		95%	10/10/22	01/12/22
Read machine learning books (esp.Chollet)		90%	10/10/22	27/02/23
			10/10/22	12/10/22
Discovery				
Literature review - download papers & books; citations		98%	26/10/22	15/11/22
Write Aims		50%	28/10/22	07/11/22
Midterm: write Project Proposal File	20/12/2022	100%	28/10/22	31/12/22
Implement initial codes to discover, and try ML		100%	28/10/22	07/11/22
Learn: CNN, how to change settings		90%	01/12/22	20/01/22
Learn: RNN, how to change settings		20%	01/12/22	20/01/22
Literature Review File	30/10/2022	99%	01/11/22	31/12/22
ML: tuning hyperparameters plan - NNI?	09/12/2022	8%	05/12/22	20/02/23
Design				
Plan for the Gantt Chart		90%	10/10/22	25/10/22
Project Design File: Write how I collected dataset		100%	31/10/22	20/11/22
Project Design File: Project sections design		90%	10/10/22	09/11/22
Project Design File: Evaluation plan		90%	20/10/22	14/11/22
Project Design File (4 pages for midterm)	24/12/2022	60%	20/10/22	19/12/22
First code implementation (prototype)		100%	20/10/22	25/10/22
Midterm Pitch Video: slides	16/12/2022	100%	01/12/22	25/12/22
Midterm Pitch Video: presentation words		100%	02/12/22	20/12/22
Midterm Pitch Video: video	18/12/2022	100%	03/12/22	31/12/22
Development				
Preprocessing: write expand contraction codes	14/10/2022	100%	14/10/22	14/10/22
Collection: Gather data using API from EventRegistry		100%	15/10/22	22/10/22
Collection: Validate the JSON files	25/10/2022	100%	25/10/22	25/10/22



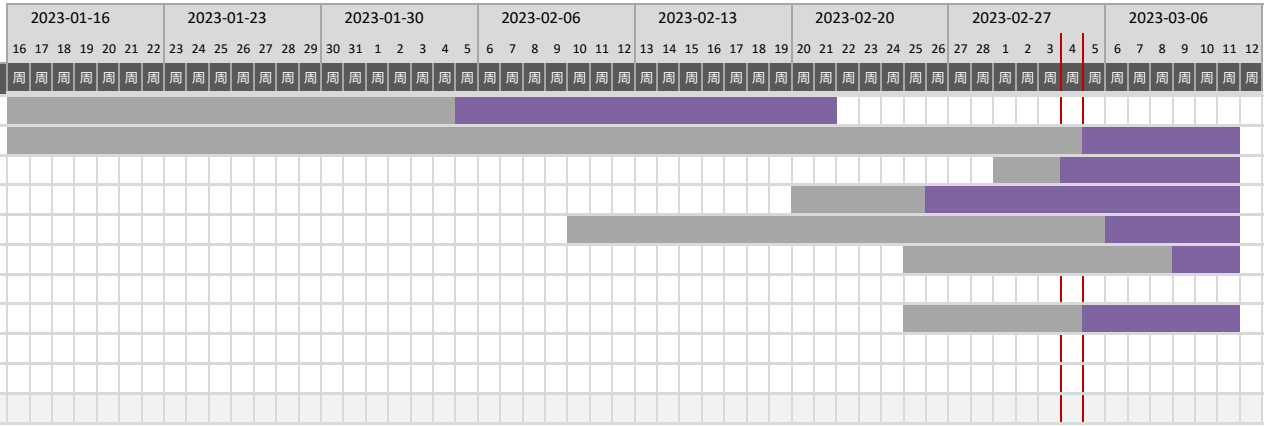
Change the week number to see more ->

Display Week: 15

TASK	Milestone Date	PROGRESS	START	END
Preprocessing: Transform JSON -> EXCEL or CSV	25/10/2022	100%	25/10/22	25/10/22
Preprocessing: Clean data, combine to one excel file	25/10/2022	100%	25/10/22	25/10/22
Preprocessing: Regularise the texts	25/10/2022	100%	25/10/22	25/10/22
Preprocessing: feed the data to Tensorflow	25/10/2022	100%	25/10/22	25/10/22
ML: Try on a small neural network model	25/10/2022	100%	25/10/22	25/10/22
Extra: LDA	25/10/2022	100%	25/10/22	25/10/22
ML: an overfitting neural network model	09/12/2022	100%	25/11/22	09/12/22
NLP: use a vectoriser and a classifier	09/12/2022	100%	01/12/22	09/12/22
NLP: use >5 methods	05/02/2023	100%	01/12/22	31/12/22
NLP: use more NLP models - Random Forest, KNN	21/02/2022	100%	10/02/23	28/02/23
ML: tuning hyperparameters - practice	03/02/2023	80%	01/12/22	25/12/22
ML: GridSearchCV	02/02/2022	100%	10/01/23	15/02/23
ML: tuning all hyperparameters		95%	01/01/23	01/03/23
ML: try LSTM layer	03/02/2023	60%	01/12/22	20/02/23
ML: try CNN	08/02/2023	80%	09/12/22	19/02/23
ML: try NNI		20%	09/12/22	28/02/23
run AWD-LSTM		20%	01/02/23	05/03/23
run ULMFiT (FastAI)		20%	01/02/23	05/03/23
run Wikipedia2Vec		20%	01/02/23	05/03/23
run Bert-for-Task		20%	01/02/23	05/03/23
ML: add K-Fold methods to NLP and NN models	28/02/2023	90%	25/02/23	12/03/23
ML: run GridSearchCV once more, a whole night			25/02/23	10/03/23
ML: add ROC curve and AUC to NLP and NN models	21/02/2023	80%	20/02/23	12/03/23
Write code references	26/02/2023	95%	15/02/23	13/03/22
Write code comments	25/02/2023	80%	01/02/23	13/03/23
Delivery				
Exam: review for answers of the exam	24/02/2023	80%	20/02/23	06/03/23
Video: Presentation video slides	22/02/2023	98%	15/02/23	10/03/23
Video: Presentation video video recording	23/02/2023	80%	15/02/23	10/03/23
Video: Presentation video video editing, cutting	03/03/2023	90%	15/02/23	11/03/23
Video: upload to Bilibili	27/02/2023	80%	25/02/23	12/03/23
Report: upgrade video link, upgrade video to folder	27/02/2023	80%	25/02/23	12/03/23
Report: Write draft	08/02/2023	100%	15/01/23	13/02/23
Report: obtain feedback from professionals	23/02/2023	85%	01/02/23	12/03/23
Report: Rephrase Intro part	23/02/2023	100%	15/01/22	10/03/23
Report: Evaluation part	12/02/2023	85%	15/01/22	10/03/23
Report: keep experiment records	26/02/2023	90%	01/12/22	12/03/23
Report: write methods intro		85%	01/12/22	31/01/23

Change the week number to see more ->

Display Week: 15



TASK	Milestone Date	PROGRESS	START	END
Report: write all the final report text descriptions	13/02/2023	80%	01/12/22	21/02/23
Report: formatting on ASM style	25/02/2023	98%	10/02/22	12/03/23
ReportL finally upgrade Fig Table pages		30%	01/03/23	12/03/23
Repository: upload all files into Google Drive		30%	20/02/23	12/03/23
Repository: upload all files into Github	01/03/2023	80%	10/02/23	12/03/23
Report: upgrade all repository links		80%	25/02/23	12/03/23
Coursera: finally upload zip and video to Coursera		50%	25/02/23	12/03/23
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