Gantt Chart Before Midterm:

Computer Science Final Project - Timetable

SIMPLE GANTT CHART by Vertex42.com

(Freda) Xiaoyun Yu

UOL student number: 190178194

Preprocessing: write expand contraction codes

Collection: Gather data using API from EventRegistry

Project Starts:

10/10/22 26/03/23

14/10/22

22/10/22

14/10/22

15/10/22

14/10/2022 100%

https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

Project Ends: 2022-10-24 2022-10-31 2022-11-07 2022-11-14 2022-11-21 2022-11-28 2022-12-05 2022-12-12 Change the week number to see more -> Display Week: 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 18 TASK Milestone Date PROGRESS START Initial Plan Choose a project template 100% 10/10/22 17/10/22 100% Choose a subject for the machine learning 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 10/10/22 27/10/22 27/10/22 Explore EventRegistry.com for API 99% 10/10/22 50% Set up the Github & cloud backup routes 10/10/22 14/10/22 95% 10/10/22 01/12/22 Settle down the Jupyter Notebook platform 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 50% 28/10/22 Write Aims 07/11/22 Midterm: write Project Proposal File 20/12/2022 70% 28/10/22 31/12/22 100% 07/11/22 Implement initial codes to discover, and try ML 28/10/22 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 60% 20/10/22 19/12/22 Project Design File (4 pages for midterm) 20/10/22 First code implementation (prototype) 100% 25/10/22 16/12/2022 80% 01/12/22 25/12/22 Pitch Video: slides 20/12/22 Pitch Video: presentation words 30% 02/12/22 03/12/22 31/12/22 Pitch Video: video 18/12/2022 80% Task 5 20/10/22 24/10/22 Development

nange the week number to see more ->	Disp	lay Week:	3		2022-10-24	2022-10-31	2022-11-07	2022-11-14	2022-11-21	2022-11-28	2022-12-05	2022-12-12
					24 25 26 27 28 29	30 31 1 2 3 4 5 6	7 8 9 10 11 12 13	14 15 16 17 18 19	20 21 22 23 24 25 26	27 28 29 30 1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16 17
TASK	Milestone Date	PROGRESS	START	END	周周周周周周	周周周周周周周	周周周周周周	周周周周周周	周周周周周周	周周周周周周周	周周周周周周	周周周周周周周
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								
Insert new rows ABOVE this one												

Gantt Chart After Midterm:

Computer Science Final Project - Timetable

SIMPLE GANTT CHART by Vertex42.com

https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

(Freda) Xiaoyun Yu

TASK

Initial Plan

Discovery

Design

Write Aims

UOL student number: 190178194

Change the week number to see more ->

Choose a project template

Choose a subject for the machine learning

Set up the Github & cloud backup routes

Midterm: write Project Proposal File

Learn: CNN, how to change settings

Learn: RNN, how to change settings

ML: tuning hyperparameters plan - NNI?

Project Design File: Write how I collected dataset

Project Design File: Project sections design

Project Design File (4 pages for midterm)

Midterm Pitch Video: presentation words

Preprocessing: write expand contraction codes

Collection: Gather data using API from EventRegistry

First code implementation (prototype)

Midterm Pitch Video: slides

Midterm Pitch Video: video

Collection: Validate the JSON files

Development

Project Design File: Evaluation plan

Literature Review File

Plan for the Gantt Chart

Implement initial codes to discover, and try ML

Settle down the Jupyter Notebook platform Read machine learning books (esp.Chollet)

Collect datasets from Kaggle.com

Explore EventRegistry.com for API

Choose the database - settle down text classification

Literature review - download papers & books; citations

Project Starts: Project Ends:

Milestone Date PROGRESS

25/02/2023 100%

20/12/2022 100%

30/10/2022

09/12/2022

24/12/2022

16/12/2022 100%

18/12/2022 100%

14/10/2022 100%

25/10/2022 100%

100%

100%

100%

95%

50%

100%

20%

99%

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90%

90%

60%

100%

100%

90%

10/10/22 13/03/23

15 Display Week:

START

10/10/22

10/10/22

10/10/22

10/10/22

10/10/22

10/10/22

10/10/22

10/10/22

10/10/22

26/10/22

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05/12/22

10/10/22

31/10/22

10/10/22

20/10/22

20/10/22 20/10/22

01/12/22

02/12/22

14/10/22

15/10/22

25/10/22

14/10/22

22/10/22

25/10/22

2023-02-27 2023-01-16 2023-01-23 2023-01-30 2023-02-06 2023-02-13 2023-02-20 2023-03-06 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 1 2 3 4 5 6 7 8 9 10 11 12 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 17/10/22 27/10/22 27/10/22 27/10/22 27/10/22 14/10/22 01/12/22 27/02/23 12/10/22 15/11/22 07/11/22 31/12/22 07/11/22 20/01/22 20/01/22 31/12/22 20/02/23 25/10/22 20/11/22 09/11/22 14/11/22 19/12/22 25/10/22 25/12/22 20/12/22 03/12/22 31/12/22

hange the week number to see more ->	Displ	ay Week:	15		2023-01-16	2023-01-23	2023-01-30	2023-02-06	2023-02-13	2023-02-20	2023-02-27	2023-03-06
							3 29 30 31 1 2 3 4 5					
TASK	Milestone Date	PROGRESS	START	END	周周周周周周	周周周周周周周	周周周周周周周	周周周周周周	周周周周周月	周周周周周周周	周周周周周周周	周周周周周周
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		25/10/22	25/10/22								
Preprocessing: Regularise the texts	25/10/2022		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		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		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								
	/ /	000/	05/00/00	10/00/00								
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	24 /02 /2022	000/	25/02/23	10/03/23								
ML: add ROC curve and AUC to NLP and NN models		80%	20/02/23	12/03/23								
Write code references	26/02/2023		15/02/23	13/03/22								
Write code comments	25/02/2023	80%	01/02/23	13/03/23								
Delivery												
Delivery Exam: review for answers of the exam	24/02/2023	900/	20/02/22	06/02/22								
Exam. review for answers of the exam	24/02/2023	80%	20/02/23	06/03/23								
Video: Presentation video clides	22/02/2023	98%	15/02/23	10/03/23								
Video: Presentation video slides Video: Presentation video video recording	23/02/2023		15/02/23	10/03/23								
Video: Presentation video video editing, cutting	03/03/2023		15/02/23	11/03/23								
Video: presentation video video editing, cutting	27/02/2023		25/02/23	12/03/23								
Report: upgrade video link, upgrade video to folder				12/03/23								
report. appraise video iirik, appraise video to folder	27/02/2023	8070	23/02/23	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		15/01/22	10/03/23								
Report: Evaluation part	12/02/2023		15/01/22	10/03/23								
Report: keep experiment records	26/02/2023		01/12/22	12/03/23								
Report: write methods intro	20/02/2023	85%		31/01/23								
neport. write methods intro		03/0	01/12/22	31/01/23								

Change the week number to see more ->	Display	Week:	15		2023-01-16	2023-01-23	2023-01-30	2023-02-06	2023-02-13	2023-02-20	2023-02-27	2023-03-06
					16 17 18 19 20 21	22 23 24 25 26 27 28 29	30 31 1 2 3 4 5	6 7 8 9 10 11 12	13 14 15 16 17 18 19	20 21 22 23 24 25 26	27 28 1 2 3 4 5	6 7 8 9 10 11 12
TASK	Milestone Date P	ROGRESS	START	END	周周周周周周	周周周周周周周	周周周周周周	周周周周周周	周周周周周周	周周周周周周	周周周周周周	周周周周周周
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								
Insert new rows ABOVE this one												