Internship program of MLCOE in Hong Kong - Project

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| Starting Date: | 14/11/2022 |
| Expected Ending Date | 21/01/2023 |

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| Part 1) Missing Data | | | | |
| Item | Starting Date | Ending Date | Duration(days) | Description |
| Paper Review | 14/11/2022 | 23/11/2022 | 10 | 1. Journal study(Alcaraz(22)) 2. Study SSSD and CSDI 3. Review the diffusion and state-space models 4. Understand Alcaraz(22)’s program and implement the code provided by Alcaraz(22) |
| Data collection | 23/11/2022 | 24/11/2022 | 2 | Data Collection from Yahoo Finance |
| Data Preprocessing | 25/11/2022 | 02/12/2022 | 7 | Point C(missing data imputation) |
| Model | 03/12/2022 | 10/12/2022 | 8 | Building model(Tensorflow) |
| Modeling Review | 11/12/2022 | 15/12/2022 | 5 | 1. Model optimization 2. Models comparison 3. Model review |
| Reporting | 16/12/2022 | 18/12/2022 | 3 | Write report |
| Buffer time | 19/12/2022 | 21/12/2022 | 3 |  |
| Part 2) | | | | |
| Item | Starting Date | Ending Date | Duration(days) | Description |
| Bonus question 1 | 22/12/2022 | 28/12/2022 | 7 | Journal study and implementation |
| Bonus question 2 | 29/12/2022 | 02/01/2023 | 5 | Journal study and implementation |
| Reporting | 03/01/2023 | 04/01/2023 | 2 | Write report |
| Part 3) | | | | |
| Item | Starting Date | Ending Date | Duration(days) | Description |
| Bonus question 1 | 05/01/2023 | 11/01/2023 | 7 | Journal study and implementation |
| Bonus question 2 | 11/01/2023 | 18/01/2023 | 7 | Journal study and implementation |
| Reporting | 18/01/2023 | 19/01/2023 | 2 | Write report |
| Project Overall Review | | | | |
| Item | Starting Date | Ending Date | Duration(days) | Description |
| Project Review | 20/1/2023 | 23/1/2023 | 4 | Project review and submission |