**Chengdu University of Technology Oxford Brookes College**

**Project Module (CHC 6096)**

**Weekly Report Sheet - 2023/2024 Academic Year**

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| STUDENT NAME: | Wang Yutong (Ryan) |
| STUDENT NUMBER: | 202018010315 |
| SUPERVISOR NAME: | Joojo |
| WEEK NUMBER | Week 6 |
| DATE: | 2023/11/10 |
| **Action plan for the current week:**   1. Download Amazon book dataset from Kaggle and import into database. 2. Study papers about VAE models. Like Mult-VAE, RecVAE and Infer-VAE. Compare them with the basic VAE model. | |
| **Challenges and issues encountered in the week:**   1. About Book Recommender System, need to decide what types of data will be utilized. 2. Dirty data in the dataset, and lack of clarity on the steps of data processing. | |
| **Action plan for the next week:**   1. Keep researching VAE models by reading papers, watching video lectures and chatting with AI, etc. 2. Learning how to process data in deep learning and Processing of data in book datasets. 3. Find and download the code of VAE models. | |
| **Supervisor Feedback:** | |