**Mark allocation:**

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| **Milestone 1: Business Understanding** | **30** |
| 1. Define the problem and identify the data needed | 5 |
| 1. Collect and clean the data | 10 |
| 1. Pre-process and transform the data | 10 |
| 1. Store the data in a database or file system | 5 |
| **Milestone 2: Machine Learning Model Implementation** | **30** |
| 1. Explore and visualise the data | 10 |
| 1. Develop a machine learning model | 10 |
| 1. Evaluate and refine the model - hyper-parameter tuning | 10 |
| **Milestone 3: DASH Web Application Development** | **30** |
| 1. Integration with ML Model – use ChatGPT prompt template | 10 |
| 1. Deploy locally | 10 |
| 1. Debug and fix errors | 5 |
| 1. [Deployment](https://www.render.com) as a web service ([How to deploy on render](https://youtu.be/H16dZMYmvqo)) | 5 |
| **Milestone 4: Presentation** | **10** |
| 1. Communication Skills | 5 |
| 1. Response to Questions | 5 |
| **Total** | **100** |