**Research Log**

**11 April** Discussed the initial research idea with the supervisor. The supervisor explained the dissertation requirements, outlined the key timelines, and provided guidance on structuring the literature review.

**12 April** Presented the research idea in more detail, including the intended research topic and proposed methodology. Received initial feedback and suggestions for refinement.

**28 April** Finalised the research topic and confirmed the specific methodology to be adopted.

**15 May** Presented the collected datasets to the supervisor, highlighted challenges encountered during data acquisition, and discussed potential improvements to the research design.

**3 June** Showcased the proposed formula design and introduced the planned model validation approach.

**19 June** Refined the formula design and discussed the rationale behind the model validation strategy to ensure methodological robustness.

**8 July** Presented the optimised formula design, along with the relevant datasets and preliminary data processing results.

**29 July** Shared the model fitting results with the supervisor and submitted a draft of the dissertation’s thematic section for feedback.

**14 August** Reviewed and improved the expression and clarity of several dissertation sections based on the supervisor’s comments.