*Please delete all the cursive text before submission. It is here just for your reference*.

*Further: data set – DS, research question – RQ*

*The mark (****x words****) after each subchapter states the word count limit. This indicates the expected amount of information which you can exceed by 10% without losing the mark.*

7COM1079-0901-2024 - Team Research and Development Project

Final report title: (*the topic of your research.)*

Group ID: A226

Dataset number:

Prepared by: *[Name and ID of submitting student first],*

*[Name and ID of other group members]*

***Please make sure*** *the document spelled correctly (including image labels, section headings, and table of contents). Please use correct punctuation.*

*Make sure your report is grammatically correct.*

University of Hertfordshire

Hatfield, 2024

Contents Page Goes here

**TODO LIST FROM PREVIOUS FEEDBACK**

Research Question

Hypotheses

Graphs

Statistical test

1. Introduction (Abdul)  
1.1. Problem statement and research motivation (100 Words)  
1.2. The data set (75 Words)  
1.3. Research question (50 Words)  
1.4. Null hypothesis and alternative hypothesis (H0/H1) (100 Words)

2. Background research (Lewis)  
2.1. Research papers (at least 3 relevant to your topic / DS) (200 Words)  
2.2. Why RQ is of interest (research gap and future directions according to the  
literature) (100 Words)

Provisional links for possible papers for me to use:

Geeq:

<https://geeq.io/wp-content/uploads/2018/08/technical-paper.pdf>

<https://geeq.io/wp-content/uploads/2018/08/White-paper.pdf>

Trading volume of crypto in relation to time

<https://www.sciencedirect.com/science/article/abs/pii/S1544612318304513>

<https://www.sciencedirect.com/science/article/abs/pii/S1544612319301710>

3. Visualisation (Arshad)  
3.1. Appropriate plot for the RQ output of an R script (NOT a screenshot) (50 Words)  
3.2. Additional information relating to understanding the data (optional) (50 Words)  
3.3. Useful information for the data understanding (50 Words)

4. Analysis (Hariharan)  
4.1. Statistical test used to test the hypotheses and output (75 Words)  
4.2. The null hypothesis is rejected /not rejected based on the p-value (100 Words)

5. Evaluation – group’s experience at 7COM1079 (Vishua)  
5.1. What went well (75 Words)  
5.2. Points for improvement (75 Words)  
5.3. Group’s time management (50 Words)  
5.4. Project’s overall judgement (50 Words)  
5.5. Comment on GitHub log output (50 Words)

6. Conclusions (Abdul)  
6.1. Results explained. (75 Words)  
6.2. Interpretation of the results (75 Words)  
6.3. Reasons and/or implications for future work, limitations of your stud (50 Words)

7. Reference list  
Harvard (author, date) format.

8. Appendices  
A. R code used for analysis and visualisation.  
B. GitHub log output.