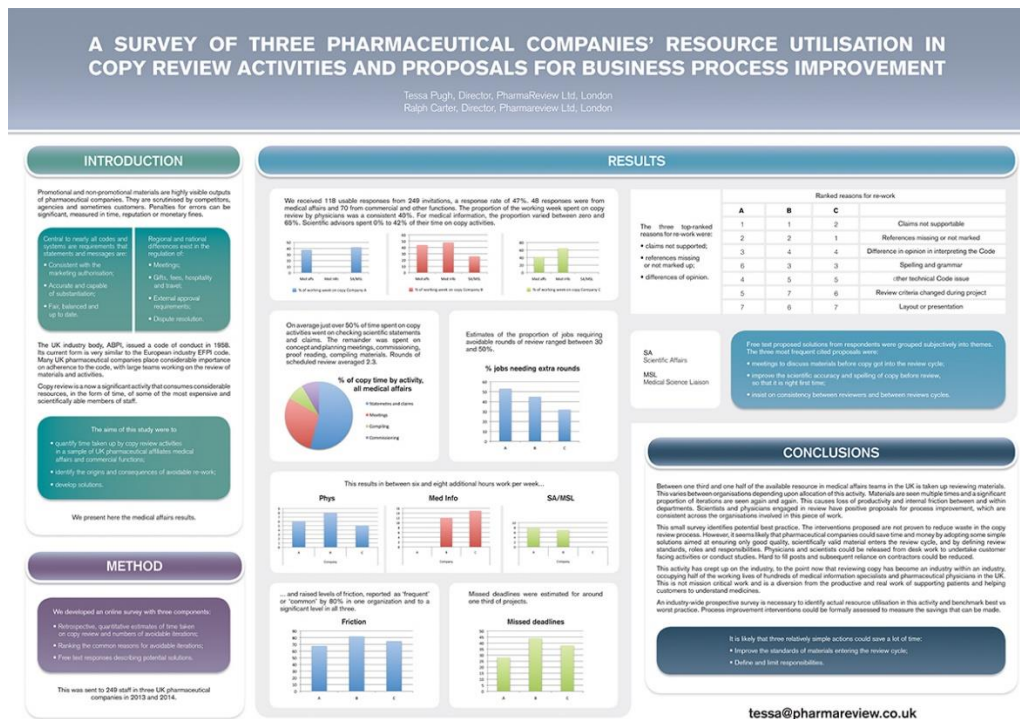


## CASE STUDY STQD6214 (20%)

Find a dataset you wished to work on for your case study. Produce an academic poster of size A1 which consists of the following:

1. Introduction of the dataset chosen for the study. For example,
  - i. What is the data about?
  - ii. Where is the data downloaded from?
  - iii. How many variables are in the dataset?
2. Objectives of the study.
3. Results of exploratory data analysis to report the characteristics or distribution of your dataset. Present the results in tables/charts. Discuss your findings.
4. Results of simple analysis, either using hypothesis testing or linear regression. You can do more than one. Please don't forget to provide the null and alternative hypotheses or the equation of the model. Discuss your findings.
5. Conclusion that summarizes the whole study.

The following is an example of an academic poster:



Then, make a video presentation using the poster you have produced.

In UKMFolio, please submit the following 4 things:

1. The academic poster you have produced.
2. The link to the video presentation. Please make sure you provide me with access to the video.
3. The dataset that you used for the study.
4. The R scripts showing all your work to get the findings of the study.

Due date: 9/2/2025