

## **Suggested template for report (Assignment 1)**

Introduction/summary of scenario/background information/context

- Largely from assignment description but in your own words

Research questions

- From assignment description

Summary of available data

- Largely from assignment description

Data processing

- This section is, if required
- This section could also be combined with EDA as the EDA might reveal the need for some preprocessing
- As needed, you may also need to justify why certain steps here were taken e.g. how missing data were handled.

Exploratory data analysis (EDA)

- Provide you and the reader with an understanding of the data and the trends/relationships within them
- Ideally would provide insight into the answers to the queries (before running your analysis)
- Good sense check (after running your analysis) i.e. check that the results from your analysis align with these results. If not, then might suggest an error somewhere

Modelling approach and justification

- What approach you have adopted to model the data and why e.g. estimated overdispersion or not, variable selection, etc
- This section may overlap with “validity of model” as this can be an iterative process, so if it flows better to include “validity of model” here then that is fine

Validity of model and modelling results

- Verifying that the model fits the data well
- A summary and interpretation of the modelling results

## Recommendations and conclusions

- Answers to research questions and recommendations
- Overall summary