

Group Presentation Slides

Clarity and Formatting:

The presentation should be neat and well labeled. Slides should be light on text but text should be sufficient to point out key features/results. Numeric results should not have an excessive number of digits. Pictures, graphics and tables should be used when possible. Numeric, formula, or tabular results should be given in neat tables or nicely formatted.

General Flow and Narrative:

The presentation should have a natural flow from introduction to conclusions and address the questions of interest. There should be a title slide with title, students' names, and group number.

Introduction Content:

Background, data, data source, and objectives should be clearly defined. Enough description (explanation of the variables, magnitude of the data, descriptive stats or plots) about the data should be given so the audience understands what is in the data set. You might give a short overview of the questions to be addressed and save more depth of description for the individual analyses.

Methods and Results Content:

Methods used should be reasonable for the analysis desired. Methods and results should be sufficiently clear for an audience who is seeing the results for the first time. Issues encountered, explanations and remedies should be noted. Results should be clearly stated and include relevant tables and/or graphics which will help the audience understand relevance and importance.

Conclusions Content:

Conclusions should be clear and address research questions. Quantitative conclusions should be given and explained. If provided, additional suggestions/recommendations should also be clear and reasonable.

Individual Report

Clarity and Formatting:

The report should be neat and written in paragraph form. Text should be clear and concise. Sections should be clearly labeled and the report should be easy to navigate. Numeric results should not have an excessive number of digits. Pictures, graphics, and tables should be used when useful. Numeric, formula, or tabular results should be given in neat tables or nicely formatted. Text should clearly explain what the results mean.

General Flow and Narrative:

The report should have a natural flow from introduction to conclusions and address the question(s) of interest. There should be a title page with title, students' names, and group number.

Introduction Content:

Background, data, data source, and objectives should be clearly explained. Basic descriptive statistical results and/or graphics should be part of the introduction to help the reader understand what is in the data. The question(s) you intend to answer should be clear and the introduction should help motivate how and why you intend to answer the question(s).

Methods and Results Content:

Methods used should be reasonable for the analysis desired. Methods and results should be sufficiently clear for a reader who is seeing the results for the first time. Issues encountered, explanations and remedies should be noted. Full analysis and explanation of diagnostics and remedies should be saved for the appendices. Results should be clearly stated and include relevant tables and/or graphics which will help the reader understand the relevance and importance.

Conclusions Content:

Conclusions should be clear and address research question(s). Quantitative conclusions should be given and explained. If provided, additional suggestions/recommendations should also be clear and reasonable.

Appendices and Code:

Appendices should be clear and provide enough explanation along with the results shown to be useful to a statistician interested in the details of the analysis or interested in reproducing the analysis. Diagnostic checks and remedies should be clear. Additional description deemed necessary but too extensive for the body of the report should be clearly explained here. Graphics and tables should be relevant and understandable.