Lab Report Title

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RMarkdown Notes

- to initiate a new line, enter *two spaces** at the end of the previous line and then Enter/Return
- Underscores (*text*) or single asterisk (*text*) to italicise
- Double asterisks (**text**) for bold text
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First-level heading / Title

-

Second level heading

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Third-level heading

- echo = FALSE to not print the chunk's R source code in the output document
- warning = FALSE to not print warnings produced by the R code
- message = FALSE to not print any messages produced by the R code
- include = either TRUE/FALSE whether to include chunk outputs (e.g. plots) in the document
- out.width = and out.height = - size of ouput e.g. out.width = "75%"
- fig.align = "center" adjust how a figure is aligned across the page
- fig.show='hold' if your chunk prints multiple figures and you want them printed next to each other (pair with out.width = c("33%", "67%"))

Introduction

150-200 words - Provide background information on the topic of the experiment. - State the purpose and objectives of the experiment. - Introduce relevant theories or concepts.

Materials and Methods

200-250 words - Describe the materials used in the experiment, including equipment and chemicals. - Outline the methodology followed, including experimental procedures and data collection techniques. - Mention any controls or variables manipulated during the experiment.

Results

300-350 words - Present the findings of the experiment in a clear and concise manner. - Include tables, graphs, or figures as necessary to support the results. - Describe any patterns or trends observed in the data.

Discussion

400-450 words - Interpret the results of the experiment and discuss their significance. - Compare the findings to existing literature or theoretical expectations. - Analyze any limitations or sources of error in the experiment. - Propose possible explanations for unexpected results and suggest areas for further research.

Conclusion

150-200 words - Summarize the key findings of the experiment. - Reiterate the main conclusions drawn from the results. - Discuss the broader implications of the findings and their relevance to the field of study.

References