Analytics for the Australian Grains Industry University Name (AAGI-XX) AAGI Program Report

Informative title for report
Report for GRDC/AAGI Project Code

Prepared for: **Client Name (Client Organisation)**
Name 2 (Organisation 2)

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Contents

Executive Summary

Executive summary goes here. Summarise the work that was provided by AAGI and the main results. (Try to limit this to a single page.)

1   Introduction

The report body text goes here.

Note that the following section titles are provided as a guide, but feel free to modify them in any way that you like if they are not relevant to your work of if using a different set of titles enhances the readability of your report.

Use AAGI theme colours for emphasis (\color{aagiteal} for AAGI teal, \color{aagigreen} for AAGI green, and \color{aagiblack} for AAGI black).

Use \citep{blah} for parenthetical citations: (**?**). Use \citet{blah} for text citations, e.g. **?**. References should be entered in bibtex format in the `references.bib` file.

A simple AAGI-themed table could be done as in Table 1.

Table 1: An AAGI-themed table.

Table Heading	Next Heading	Another Heading
blah	2	3

Use \begin{note} ... \end{note} for emphatic notes throughout the report if you like. You can use \faIcon{...} to add FontAwesome icons for decoration, as shown below.

> ⚠ **NOTE**   This is an example of a note.

In this introduction section, outline the goals of the research project and any necessary background to provide contexts and rationale for the research/work.

1.1   This is a subsection

Use subsections (and subsubsections) as much as you like to help structure your content.

1.1.1   This is a subsubsection

2   Trial design

Include the trial layout, type, and the experimental design, such as treatments, number of replicates, blocking, etc. Include graphics and pictures where useful.

Make sure to include notes about any specific considerations that must be kept in mind for the type of trial (e.g., small plots, glasshouse experiments, genetics, breeding trials, OFE projects, bioinformatics projects, and so on).

3   Exploratory data analysis

You can use a dedicated section here for the preliminary data exploration and dataset visualisation. This can be useful to aid in the interpretation of the data and graphs generated throughout the work, as well as for providing a rationale for the statistical methodologies used.

4 Methods

Use this section to include a detailed description of the procedures and methodologies used for the analysis. Include versions/commits on developed pipelines, code scripts, and input/output details as relevant.

Detail also the approach taken for the data analysis work here (or in a separate section).

5   Results and discussion

Include all of the results of the analytical work, and discuss the findings and their implications with respect to the research question.

6 Datasets and metadata

(Optional) Where useful, include descriptions of the datasets relevant to this research, including links and DOIs to enable findability of these datasets. (Often for GRDC projects these will have associated metadata entries in the GRDC Data Catalogue, which can be linked where appropriate.)

Where you have publicly available code on GitHub associated with the analytics (e.g., pipelines), you can include git commit numbers and tags. Including md5/sha256 checksums for input data and outputs is also useful for research reproducibility.

7   Trial location maps

(Optional) Include if relevant to the project.

Appendix A   This is an appendix

Include Appendices at the end of the report as necessary, to contain any additional supporting information of interest.

A.1   This is an appendix subsection

Appendix B   This is another appendix

And so on. Include as many appendices as you like.