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| e<PROJECT NAME> Executive Summary |
| Group Member Names2810ICT Software TechnologiesDate |

# Abstract

A 100 to 150 word executive summary of your findings. Do this last.

# Introduction

This report provides a brief overview of the data analysis conducted from the period 14 August 2023 to 8 October 2023. The analysis encompasses various tasks aimed at gaining insights from the chosen Sydney Airbnb dataset. The objectives of this analysis are stated as below:

1. Data exploration
2. Pricing trend analysis
3. Data visualization

The results from these tasks will be presented in this report, illuminating the major patterns, correlations, and trends found in the Airbnb dataset. Additionally, it will make suggestions based on the trends and insights seen to assist with decision-making and additional research.

# **Analysis 1 <Monthly Rental Trend>**

Here, we will analyze the accommodation trends in the Sydney Airbnb dataset, focusing on monthly rental trends during the 12-month period from December 2018 to December 2019.

Results:

* Prices have exhibited fluctuations based on rental property demand, peaking during periods of high demand, and decreasing during times of lower demand.
* The analysis reveals that each month exhibited a relatively consistent percentage of Airbnb rentals. However, February stood out with the lowest number of bookings compared to the other months. This lower booking activity during February may be attributed to various factors.

# **Analysis 2 <Add context to this title>**

# **Analysis 3 <Add context to this title>**

# **Analysis 4 <Add context to this title>**

# **Analysis 5 <Add context to this title>**