[Document title]

Jinfeng Zhu

Student ID: 47564644

Contents

[1. Overview 2](#_Toc111928567)

[2. Exploratory Data Analysis 2](#_Toc111928568)

[3. Evaluation of the Preliminary Multiple Linear Regression Model 2](#_Toc111928569)

[4. Australia Contextualization 2](#_Toc111928570)

[Appendix A – Technical Analysis 3](#_Toc111928571)

[Appendix B – Contextualisation Notes 3](#_Toc111928572)

[Appendix C – R Code 3](#_Toc111928573)

[Appendix D – Reference 3](#_Toc111928574)

# Introduction

As stroke has become the most fatal disease in Australia, Stroke Foundation (SF) Australia wishes to improve stroke prevention, detection and support for all Australians. This technical report, produced by AA consulting firm, provides a preliminary analysis on the stroke cases using the US national datasets, with the aim of deepening the understanding of risk factors associate with stroke mortality rates.

Besides, this report also explores the feasibility of the same type of analysis to Australian context.

# Exploratory Data Analysis

*Description of the exploratory data analysis was excellent.*

# Evaluation of the Preliminary Multiple Linear Regression Model

*Excellent evaluation of the linear model*

# Australia Contextualization

*Excellent explanations/considerations are provided*

# Appendix A – Technical Analysis

# Appendix B – Contextualisation Notes

# Appendix C – R Code

# Appendix D – Reference