

# **HEALTHCARE STROKE ANALYSIS**

01

02

03

04

05

## **PROJECT OVERVIEW**

- Healthcare Stroke Data Analysis
- Attributes

## LIBRARIES AND DATA HANDLING

- Libraries Used
- Data Loading
- Data Cleaning Preprocessing

# **DATA ANALYSIS TECHNIQUES**

- Descriptive and Inferential Statistics
- Predictive Modeling
- Data Visualization

# **KEY FINDINGS**

- User Demographics
- Health Parameters and Work and Residence
- Implications for Business Decisions

# **ADVANCE ANALYSIS**

- Geographical Insights
- Temporal Trends
- Advanced Analytical Techniques

06

07

08

## MACHINE LEARNING IMPLEMENTATION

- Linear Regression Model
- Logistic Regression Model

## **VISUAL INSIGHTS**

- Plots
- Visualizations

## CONCLUSION

## **APPENDIX:**

## **Code Snippets:**

Printed Python Code in PDF (04\_Code\_Snippet\_VLC)

## **Jupyter Source File:**

Source Python Code (05\_Jupyter\_Source\_File\_VLC)

#### Datasets:

Healthcare Stroke Analysis (06\_Datasets\_VLC)

#### **Google Colab Link:**

https://colab.research.google.com/drive/1\_hm8TFKLfEZsMaflueh\_Ku0aya8nX4QN?usp=sharing

#### **Github Website Link:**

https://leslyvictoria2.github.io/Final-Project-in-CSST-104/

#### **Github Repository Link:**

https://github.com/LeslyVictoria2/Final-Project-in-CSST-104

#### **Tool Used:**

Canva, Google Colab, Github, Microsoft Excel, PDF, Python Programming Language