ELEVATELABS – TASK 5 Report

Project: [TITANIC DATASET] **Student:** Solzzz **GitHub Repo:**
https://github.com/solaiprakashv/ELEVATELABS/tree/main/TASK%205 **Date:** 29-09-2025

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1. Introduction This task focuses on **[brief objective of TASK 5, e.g., data analysis, cleaning, visualization, or model building]**. The goal is to **[state what you intended to find or analyze]**. The dataset was taken from **[source if any]**.

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2. Dataset Description - **Number of records:** [number of rows] - **Number of columns/features:** [number of columns] - **Key features:** [list main columns] - **Missing values:** [mention columns with missing data] - **Duplicates:** [mention if duplicates were removed]

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3. Methodology

3.1 Data Cleaning - Removed missing or null values. - Handled duplicate entries. - Standardized formats (if any).

3.2 Exploratory Data Analysis (EDA) - Analyzed trends and patterns. - Generated visualizations like **[bar charts, histograms, scatter plots, etc.]**.

3.3 Analysis / Modeling (if any) - **[Mention calculations, predictions, correlations, or models applied]**.

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4. Key Findings - [Finding 1] – e.g., "Feature X has a strong correlation with Y." - [Finding 2] – e.g., "Most values in column Z fall between A and B." - [Finding 3] – e.g., "Outliers detected in feature Q were handled by …"

Add **screenshots of graphs/tables from your notebook** under this section.

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5. Conclusion The analysis of TASK 5 reveals that **[summarize key insights]**. These findings can be used for **[recommendations, next steps, or decision-making]**.

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6. References / Resources - GitHub Repo:
https://github.com/solaiprakashv/ELEVATELABS/tree/main/TASK%205 - Dataset Source: [if any] - Python Libraries Used: pandas, numpy, matplotlib, seaborn, [others]