

# Review of: "Comparative Analysis of Machine and Deep Learning Techniques for Text Classification with Emphasis on Data Preprocessing"

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Potential competing interests: No potential competing interests to declare.

The author tried to summarize the findings in a well-mannered way. Overall, a good effort towards text classification. The proposed framework analyzes passenger patterns and relationships to predict survival outcomes, using factors like gender, cabin number, names, and ages, which may relate to lifeboat proximity, social status, or physical strength. After importing and cleaning the data, imputing missing values, selecting key features, and splitting the data for training and testing, machine learning methodologies estimate survival probabilities. The analysis shows that male survival rates are 3% and 8% lower than female rates, likely due to males prioritizing family protection.