Sales Prediction using Linear Regression

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Abstract: *This sales prediction uses linear regression to predict sales in the future based on past data available and provides GUI(Graphical User Interface) for better visualization to the user. It predicts the number of sales for the number of advertisements through media like TV, newspaper, and social media. It is trained with the previous data. Sales forecasting is particularly important in industries because of the limited shelf-life of many of the goods, which leads to a loss of income in both shortage and surplus situations. Too many orders lead to a shortage of products and still too few orders lead to a lack of opportunity.*

Keywords: Data Set, Linear Regression, Training, Testing, NumPy, pandas

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