Tech\_giants 2023 prediction

Proposal question: What is the relationship between the stock prices of Tech Giants and Layoffs.

Layoffs dataset: <https://www.kaggle.com/datasets/swaptr/layoffs-2022>

How is … affected …? This should be a more standard way for a question.

What is affecting the stock price of Tech giants?

Technique:

<https://www.simplilearn.com/tutorials/machine-learning-tutorial/stock-price-prediction-using-machine-learning#stock_price_prediction>

* Revenue
* Dividend
* P/E ratio

Adj close: The adjusted closing price factors in corporate actions, such as stock splits, dividends, and rights offerings.

1. Stock price serves as indicator for economy
2. Determine the FV
3. LSTM is a good tool:
   1. ft
   2. Sigmoid + tanh
   3. Sigmoid + \*tanh
4. Linear regression is an essential tool

Dataset: <https://www.kaggle.com/datasets/evangower/big-tech-stock-prices?resource=download>

<https://www.kaggle.com/code/adrianmcmahon/tesla-prediction-of-close-price-lstm>