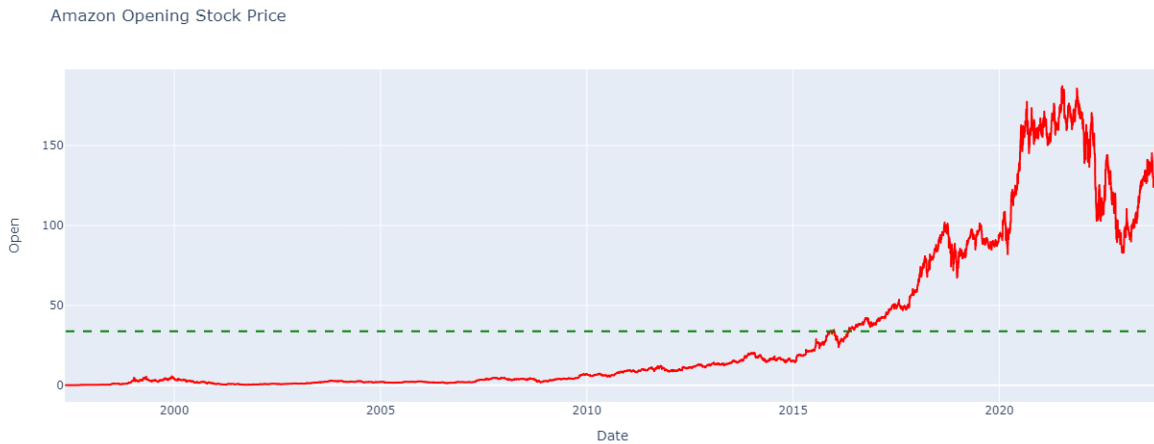
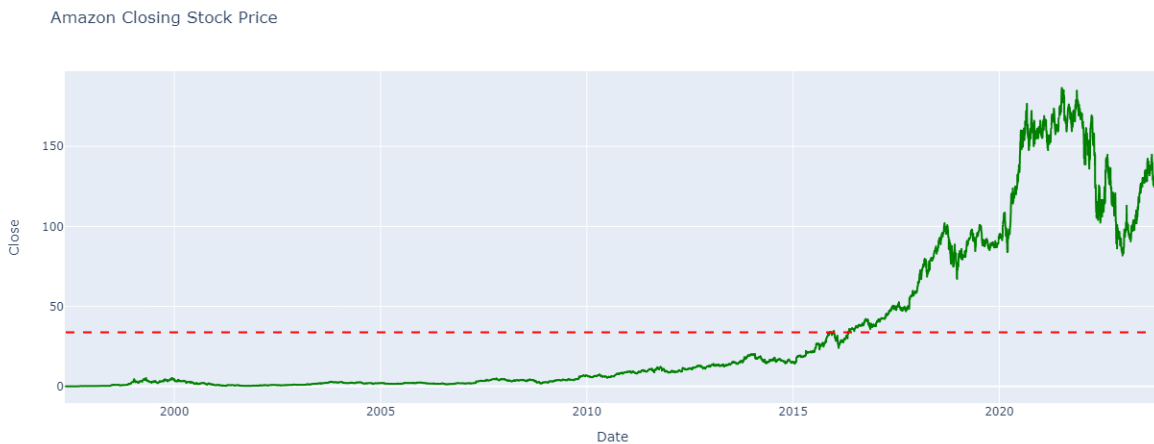


# Visual representation of Amazon's financial performance over time

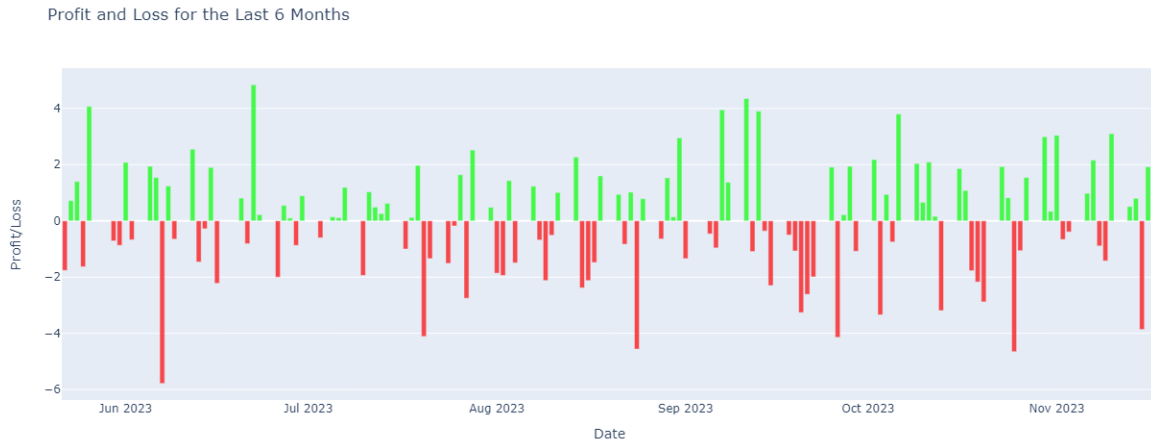
## Amazon Opening Stock Price:



## Amazon Closing Stock Price:



## Profit and Loss for the Last 6 Months:



*Amazon has experienced fluctuations in their profit and loss over the last 6 months. Recently, as per November 17, 2023, it has closed with the profit of 2.519989.*

## Analyze the trend over time - long and short time SMA for further understanding

### Stock Price and 50-Day SMA for AMZN:



## Stock Price analysis 50-Day SMA & 200-Day SMA for AMZN:



*Here, the above graph visualizes the long and short-period SMA to understand which is a good investment. As per the graph the short period SMA crosses above a long period SMA, it is suggested to go long.*

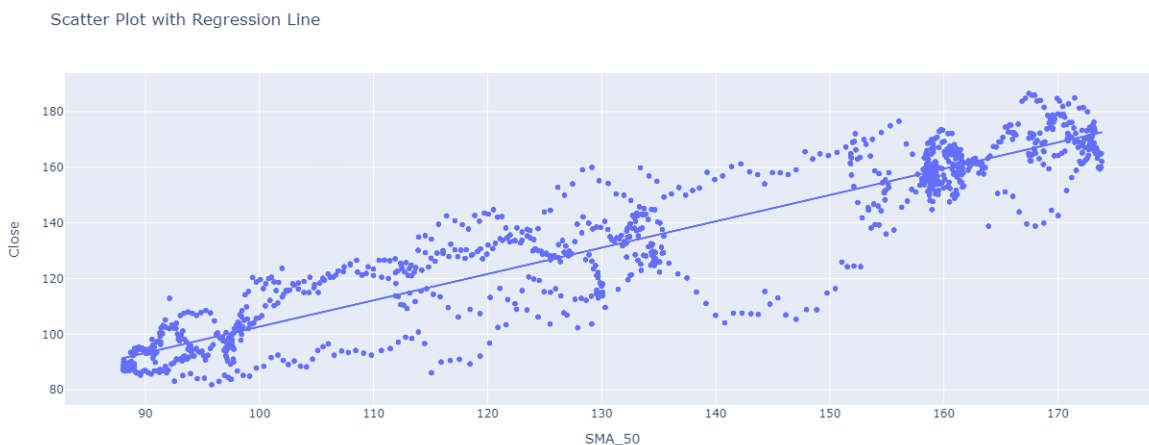
**NOTE:** Please note that this is a general interpretation!!

# SMA - 50 Regression analysis to understand whether the stock prizes are in an increasing trend or decreasing trend - results & charts:

OLS Regression Results						
=====						
Dep. Variable:	Close	R-squared:	0.868			
Model:	OLS	Adj. R-squared:	0.868			
Method:	Least Squares	F-statistic:	6954.			
Date:	Mon, 20 Nov 2023	Prob (F-statistic):	0.00			
Time:	02:06:54	Log-Likelihood:	-4017.6			
No. Observations:	1059	AIC:	8039.			
Df Residuals:	1057	BIC:	8049.			
Df Model:	1					
Covariance Type:	nonrobust					
=====						
	coef	std err	t	P> t	[0.025	0.975]
-----						
const	8.0881	1.536	5.264	0.000	5.073	11.103
SMA_50	0.9463	0.011	83.390	0.000	0.924	0.969
=====						
Omnibus:	85.982	Durbin-Watson:	0.077			
Prob(Omnibus):	0.000	Jarque-Bera (JB):	130.363			
Skew:	-0.613	Prob(JB):	4.92e-29			
Kurtosis:	4.205	Cond. No.	629.			
=====						

## Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.



*From this, we can say that Amazon has an increasing trend over the stock prizes.*