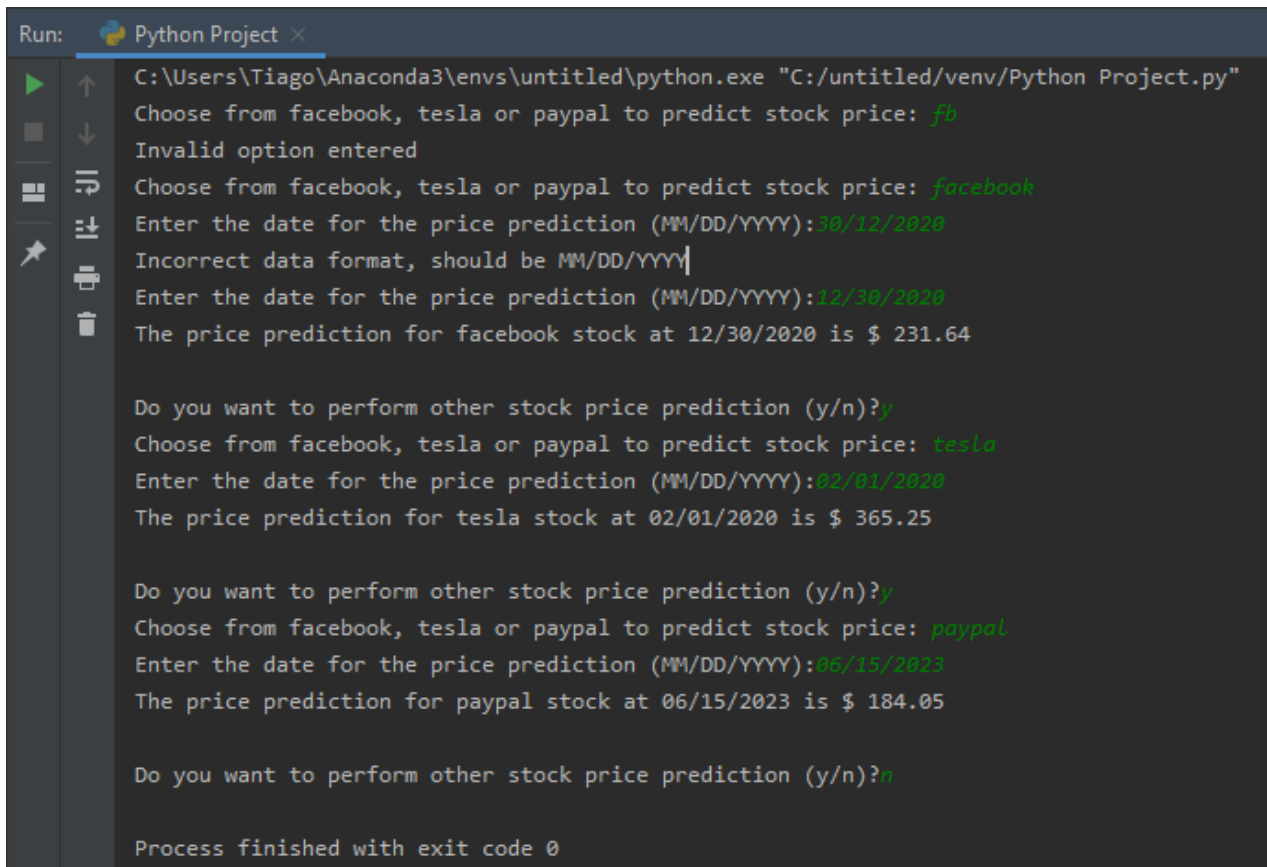


Example of the predict stock price running:

1. You should choose which company do you want predict the stock price.
2. Enter the date to predict the price.
3. The program will return the predicted stock price for the company on the date chosen.
4. The plot with historical stock price and corresponding linear regression line will pop up.



```
Run: Python Project x
C:\Users\Tiago\Anaconda3\envs\untitled\python.exe "C:/untitled/venv/Python Project.py"
Choose from facebook, tesla or paypal to predict stock price: fb
Invalid option entered
Choose from facebook, tesla or paypal to predict stock price: facebook
Enter the date for the price prediction (MM/DD/YYYY): 30/12/2020
Incorrect data format, should be MM/DD/YYYY
Enter the date for the price prediction (MM/DD/YYYY): 12/30/2020
The price prediction for facebook stock at 12/30/2020 is $ 231.64

Do you want to perform other stock price prediction (y/n)?y
Choose from facebook, tesla or paypal to predict stock price: tesla
Enter the date for the price prediction (MM/DD/YYYY): 02/01/2020
The price prediction for tesla stock at 02/01/2020 is $ 365.25

Do you want to perform other stock price prediction (y/n)?y
Choose from facebook, tesla or paypal to predict stock price: paypal
Enter the date for the price prediction (MM/DD/YYYY): 06/15/2023
The price prediction for paypal stock at 06/15/2023 is $ 184.05

Do you want to perform other stock price prediction (y/n)?n

Process finished with exit code 0
```

Figure 1. Screenshot from the stock price terminal.

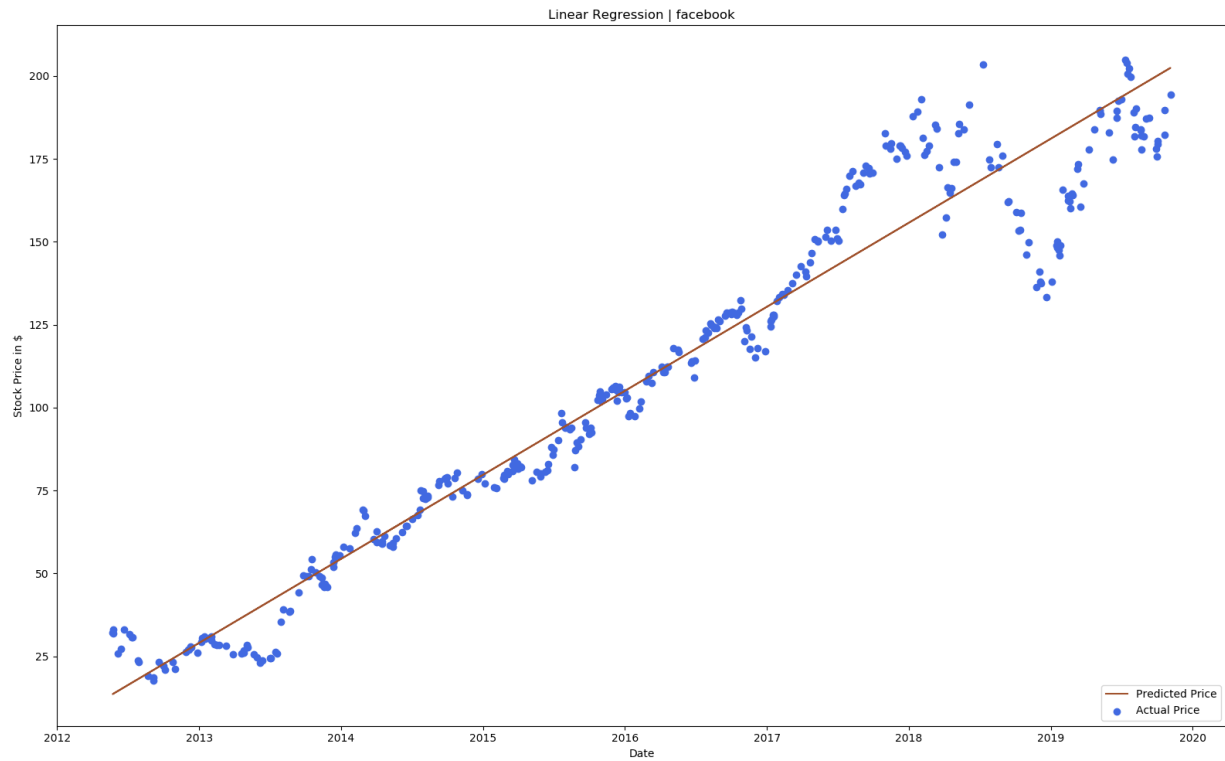


Figure 2. Screenshot from Facebook linear regression.

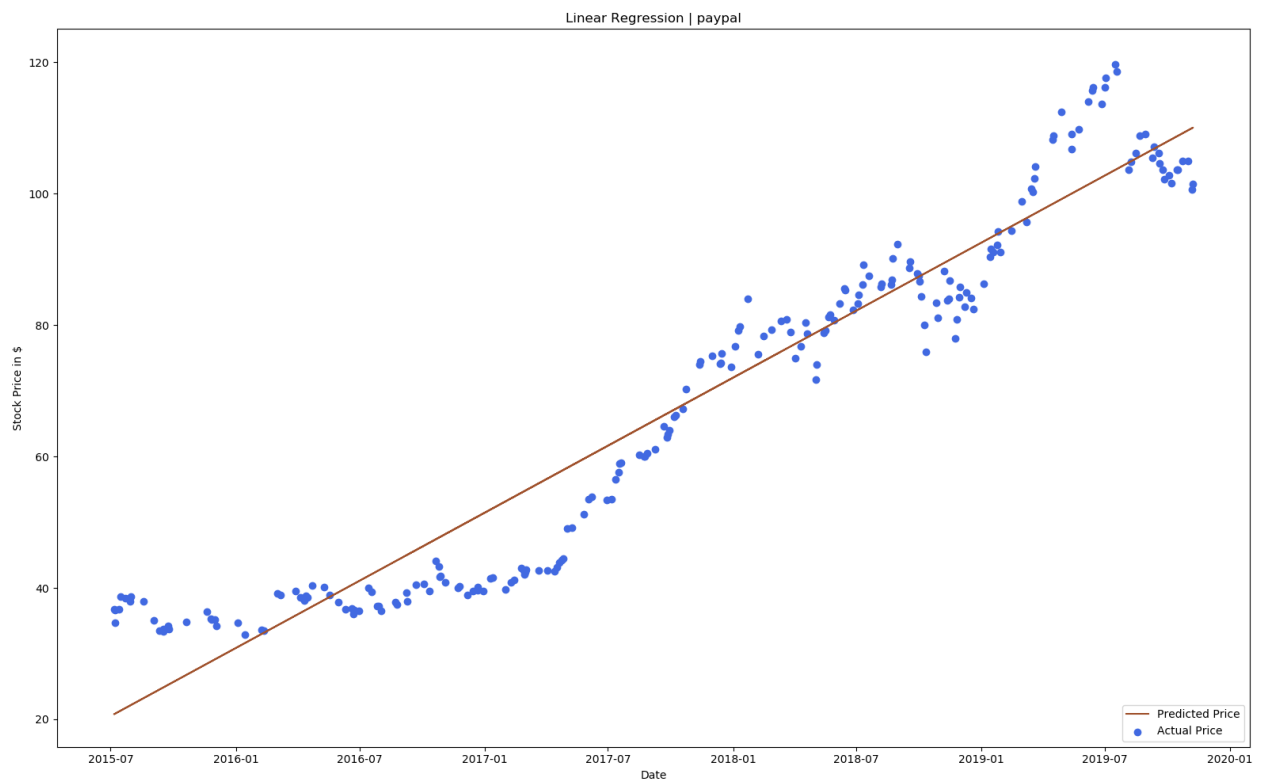


Figure 3. Screenshot from PayPal linear regression.

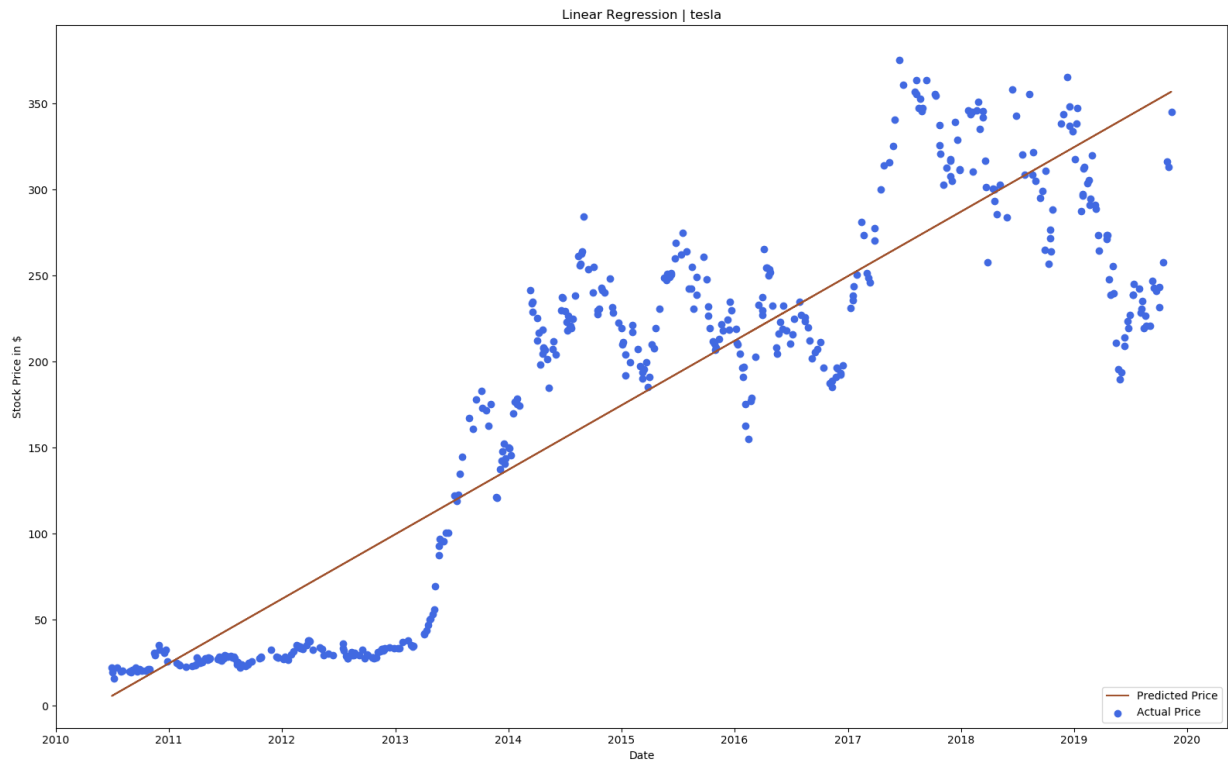


Figure 4. Screenshot from Tesla linear regression.