



Linear Regression- NVIDIA

Khalid Alrashed - Abdulrahman Alshehri

Introduction

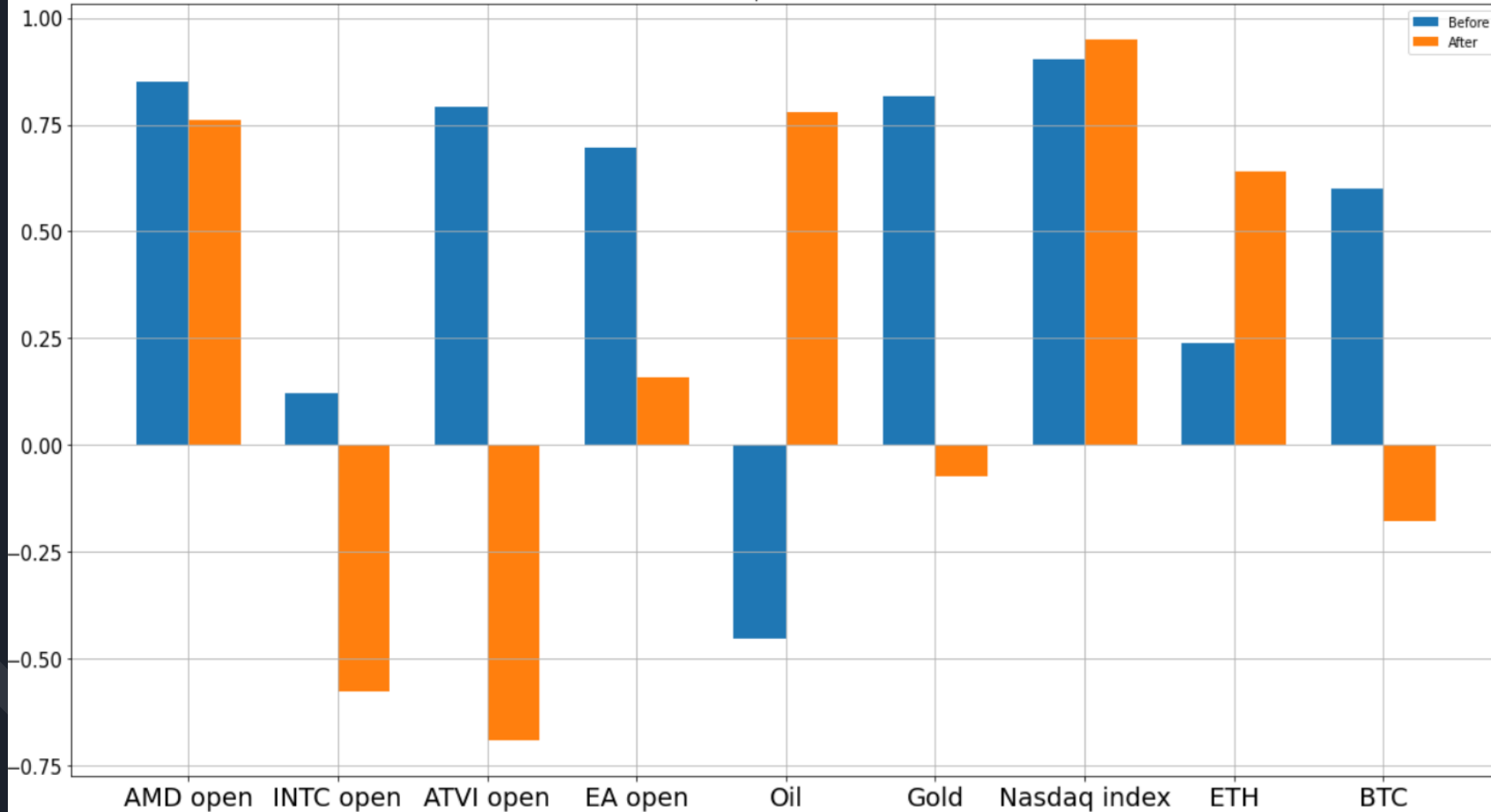
Data Description

- yahoo finance
- 10 different features
- 4 categories (hardware industry , Gaming companies , Cryptocurrency , Others)
- 1000 observation
- interval 2017-2021

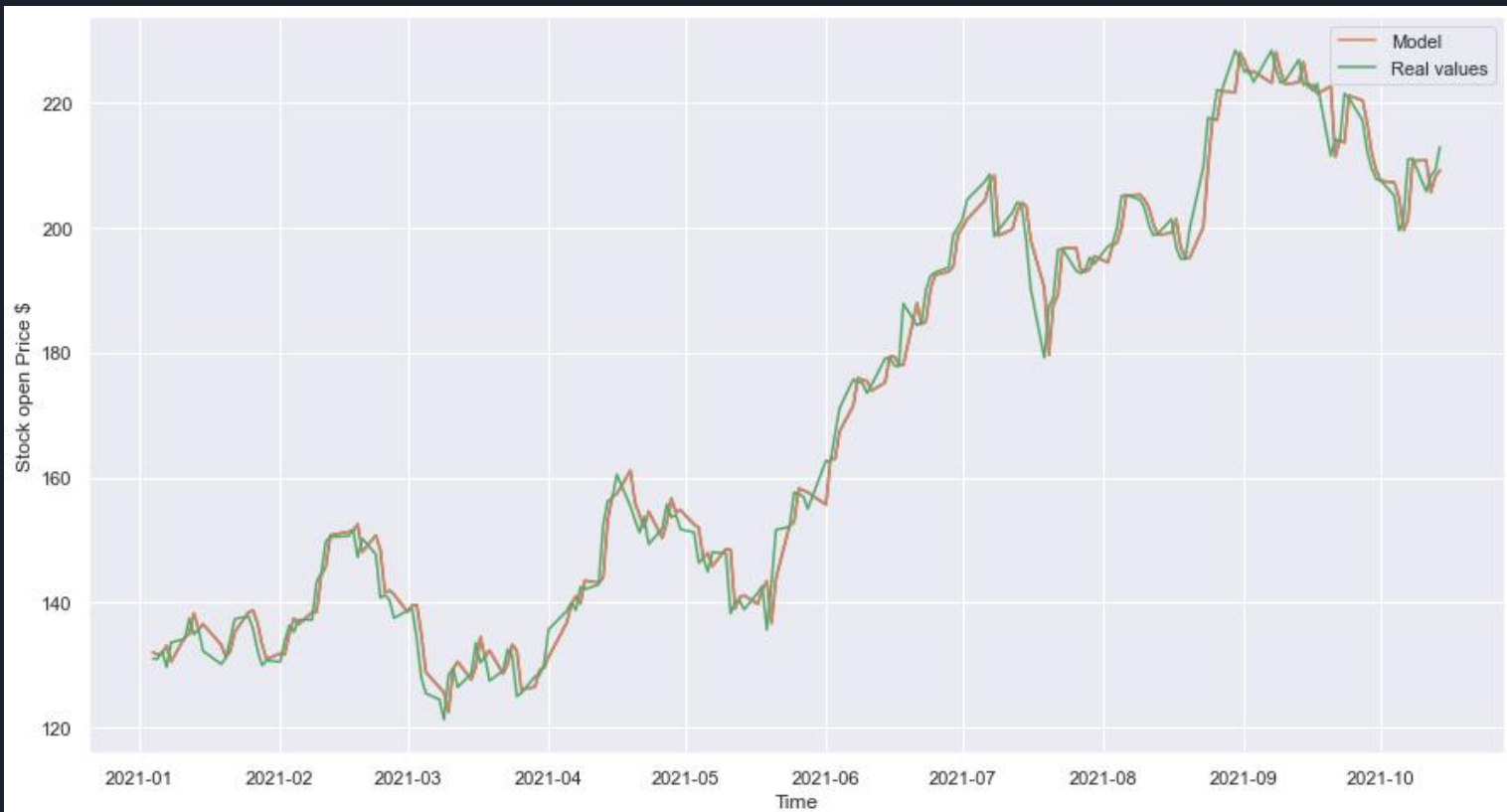
NVIDIA
AMD
INTEL
Activision
EA
Oil
Gold
Nasdaq index
ETH-USD
BTC-USD

Data Exploration

Correlation comparison before and after



Results





Conclusion



- Nasdaq index gives accurate performance for the stock
- the stock is following a positive trend