Post Earnings Announcement Drift Trading Dashboard

BHUVESH CHOPRA - ARCHIT SHARMA - BRADEON KWAN

OVERVIEW

We made an algorithm to predict how companies do on their quarterly financial reports and simulated its results historically.

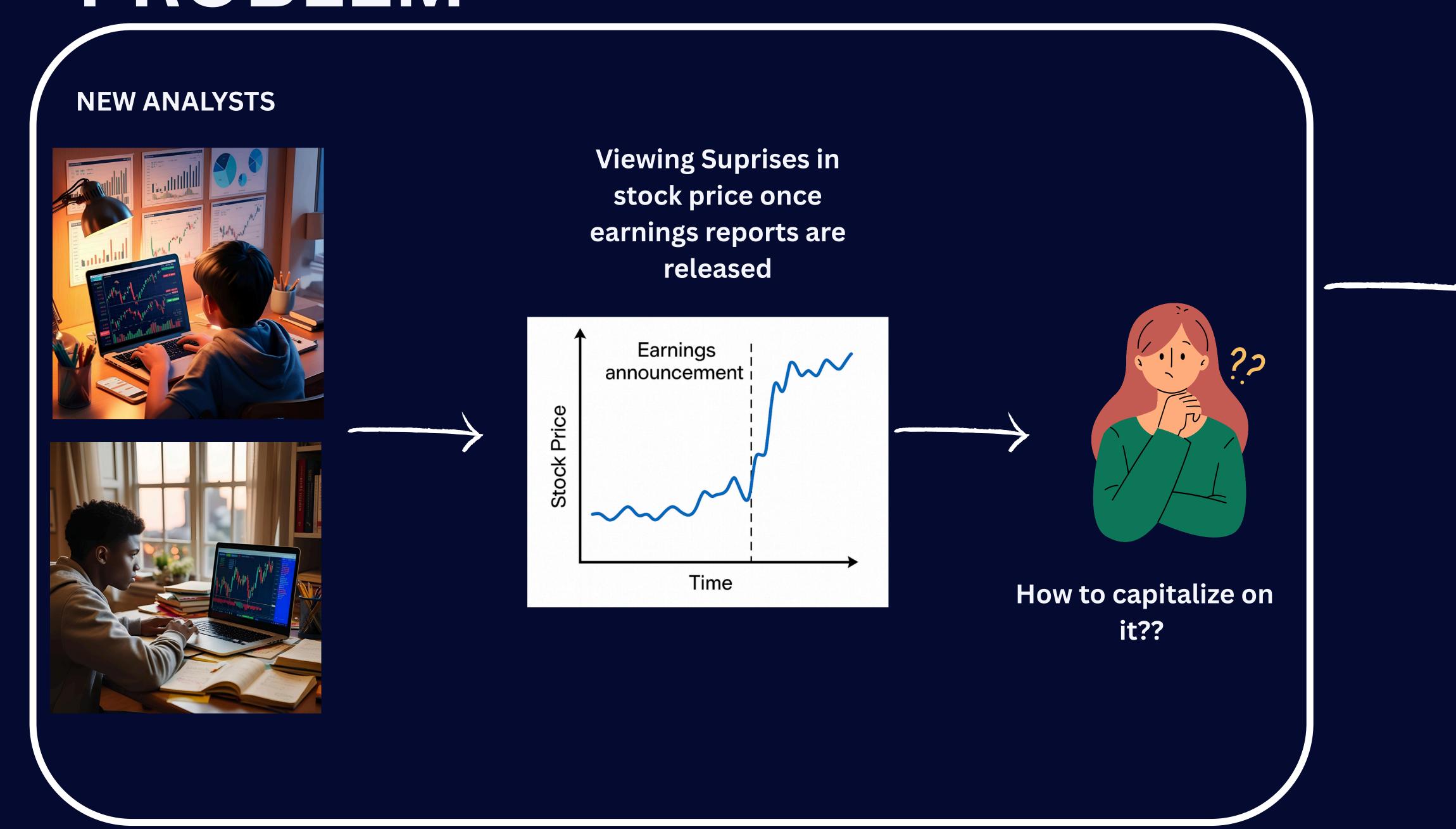
Technologies Used: Python, TraderWorkstation (IBKR), JavaScript, Backtrader, HTML, CSS, Numpy, Pandas

Challenges: Inconsistent Reporting Locations, Assumption Validities, Sparse Data, and Underfitting

Findings: The strategy achieved an average Sharpe ratio of 0.5, with capital being locked for only approximately 8 hours per year, which is considerably efficient.

Additionally, we observed that performance was sector-dependent, yielding the highest returns in the technology sector while underperforming in banking stocks

PROBLEM



SOLUTION

