**PROJECT PROPOSAL:**

**MEMBERS:**

**Mohammad Yousuf 19K-1109**

**Fizza Zakir 19K-1106**

**Mohammad Aamir 19k-1111**

**PROJECT NAME:  
STONKS**

**DESCRIPTION:**

Stock market prediction is the act of trying to determine the future value of a company [stock](https://en.wikipedia.org/wiki/Stock) or other [financial instrument](https://en.wikipedia.org/wiki/Financial_instrument) traded on an [exchange](https://en.wikipedia.org/wiki/Exchange_(organized_market)). The successful prediction of a stock's future price could yield significant profit. Successful prediction about the chances of investing in any company will lead to big profit.

**FUNCTIONALITIES:**

* **Quantitative value investing:**

Predict 6-month price movements based fundamental indicators from companies’ quarterly reports.

* **Statistical arbitrage…**

 Find similar stocks based on their price movements and other factors and look for periods when their prices diverge.