

## ABSTRACT

Stock price prediction is one among the complex machine learning problems. It depends on a large number of factors which contribute to changes in the supply and demand. This project presents a time series approach using Linear Regression, for predicting the price of Apple's stock, and evaluation of the approach for the same. Stock prices are represented as time series data and trading indications which let the user know about when to perform the trading and when to not. We will be using the popular scikit-learn framework to build our model and evaluate it.

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## ABBREVIATION

GUI	Graphical User Interface
PY	Python
OPP	Object Oriented Programming
DRY	Don't Repeat Yourself
PIP	Package Installer for Python
MRO	Method Resolution Order
PEP	Python Enhancement Proposals
BDFL	Benevolent Dictator For Life
REPL	Read-Eval-Print Loop