



Department of Computer Science Minor Project

Stock Visualization & Trend Prediction

Team Members:-

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Guided By:-

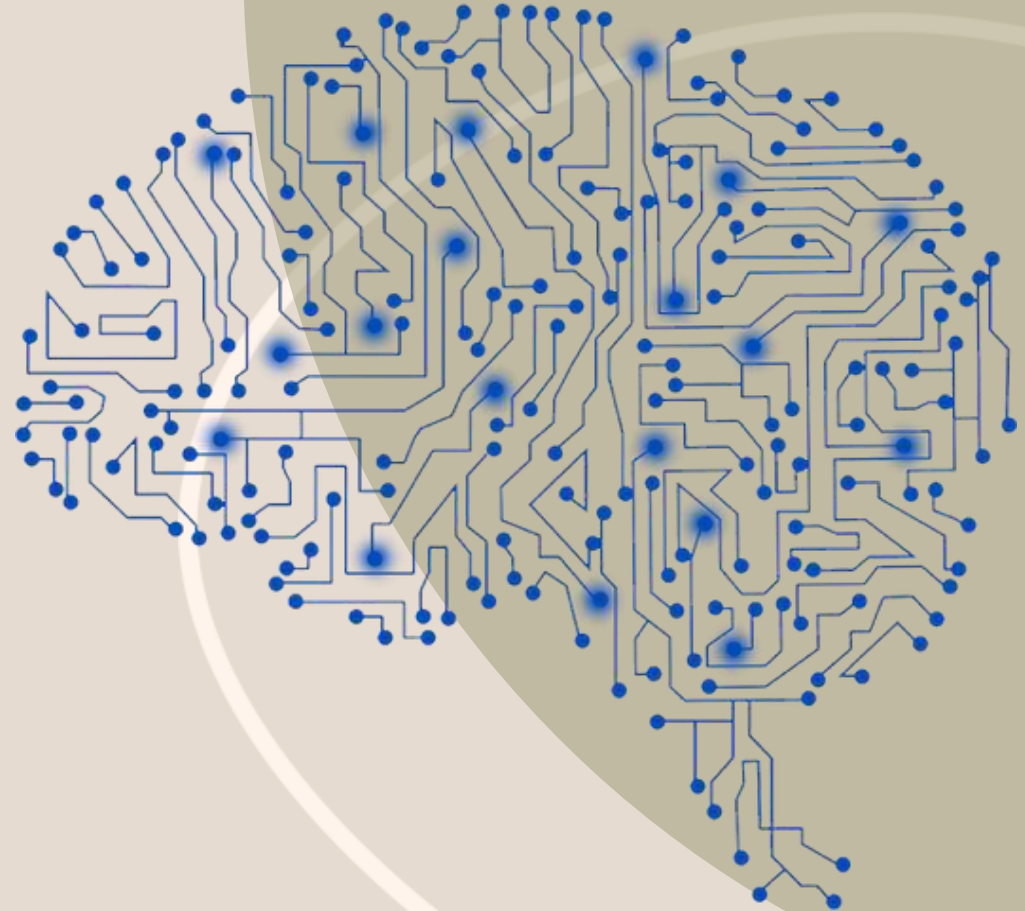
Prof. Aakanksha Jain

Introduction

Our project is Stock Visualization & Trend Prediction, In this project we used machine learning to predict stock market trends and visualised them in a dashboard.

The main goal was to create a ML model that can be used to stock traders and financial analyst to be able to get a idea of the future market trends.

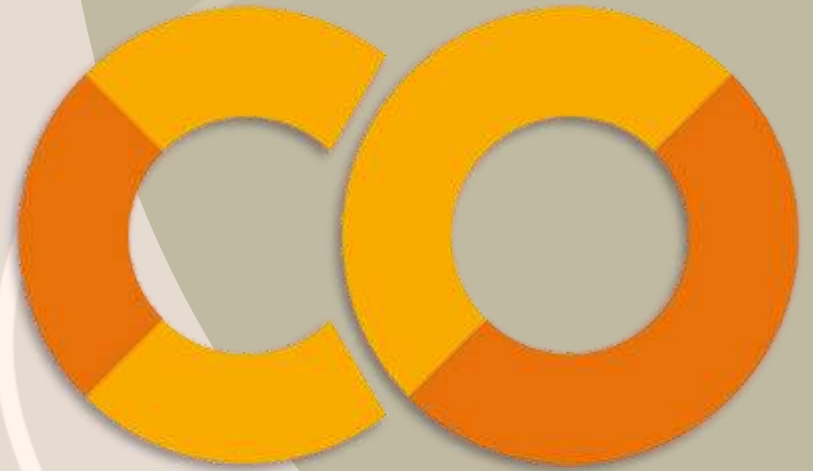
We have created a web app that ask the user about the name of the stock which is needed to be analysed then our machine learning model predict the required output for the user.



Language & Tools

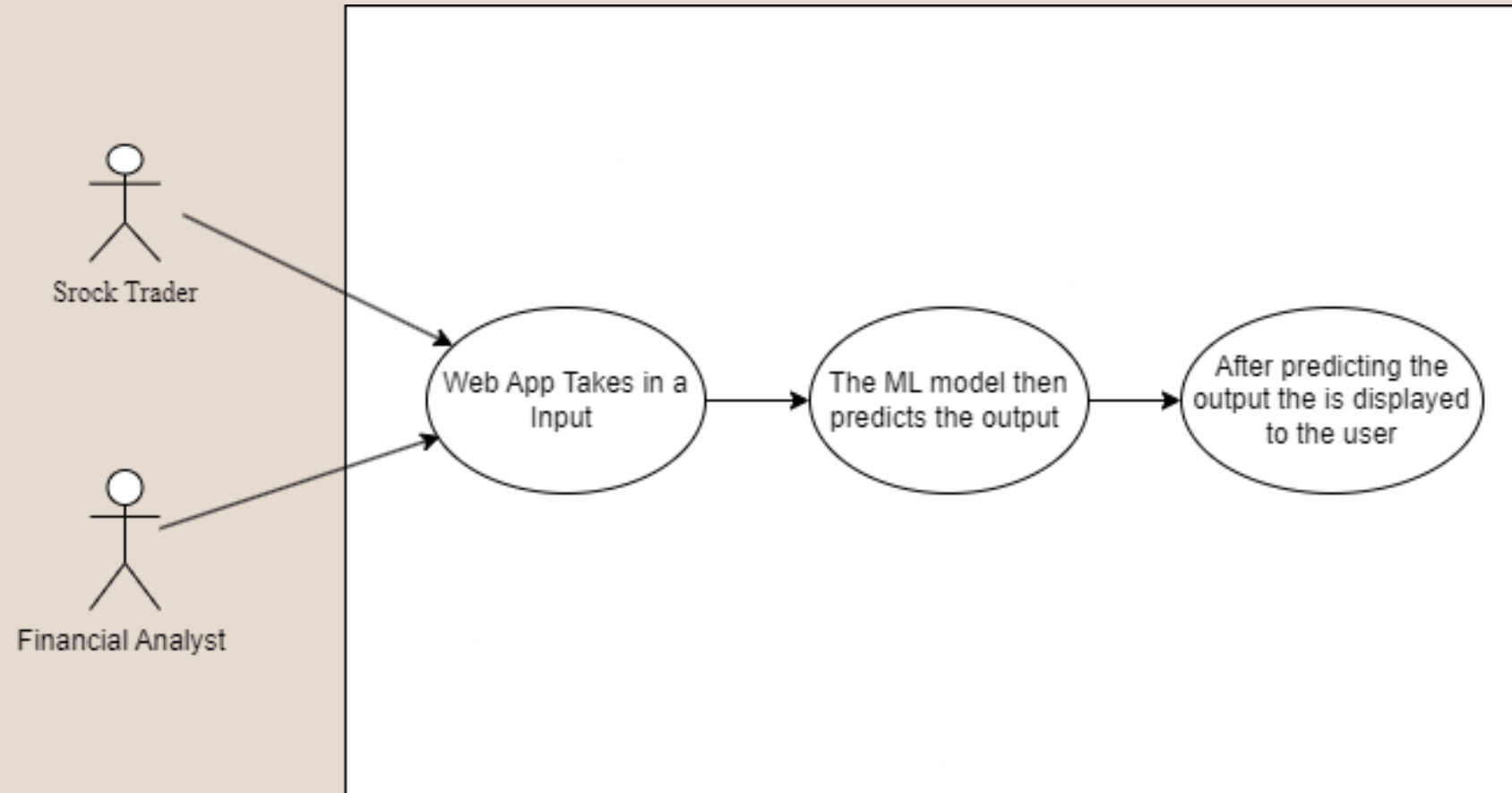


Python



Google Colab

Use Case



System Requirements

Ram : 4GB (minimum)
8GB (maximum)

HDD/SSD : 500 GB
-requires at least 2 GB of free space

O.S : Windows 8/8.1/10/, Linux, MacOS

The background features a light gray base with large, organic, overlapping shapes in muted red and olive green. A thin white line outlines a wavy shape on the right. In the top left, there is a faint, light gray sketch of a leafy branch.

thank you