AI STOCK PREDICT

USER GUIDE

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How to use AI Stock Predict?

Method 1:

- Open http://aistockpredict.ml/
- **Credentials**-
  Username: admin   **Password**: admin
- In the Home Page, Choose any company
- Click on select button
- The trend and confidence level are shown in the bottom card as output.

Method 2:

Tech Stack:

- Angular JS
- MySQL Database
- Eclipse
- java web
- GA algorithm
- Decision Tree
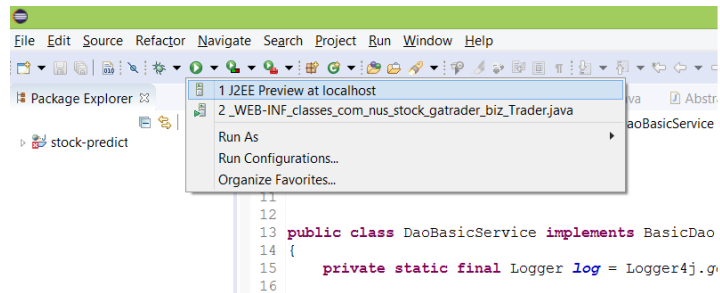- Python data mining
- stock domain knowledge

Deployment:

Here's how we deployed our AI Stock Predict, feel free to choose other platforms of your choice but we can't guarantee the compatibility, if you choose to integrate in a different way.

- Unzip all the files.
- First step is to install MySQL Database and open MySQL Workbench and pass the credentials as follows:
  User id: root   **Password:** root
- CREATE AND USE NEW DATABASE BY THE COMMAND:
  - (1) CREATE DATABASE IF NOT EXISTS nus_stock;
  - (2) USE nus_stock;

- CREATE TABLES:
  - (1) CREATE TABLE `COMPANY_NAME` (`SYMBOL` varchar(16) NOT NULL,`NAME` varchar(128) NOT NULL, PRIMARY KEY (`SYMBOL`));
  - (2) CREATE TABLE `LOGIN` (`USERNAME` varchar(40) NOT NULL,PASSWORD` varchar(64) NOT NULL, PRIMARY KEY (`USERNAME`));

- INSERT DATA INTO TABLES:
  - (1) INSERT INTO 'LOGIN' VALUES('admin','admin');
  - (2) To import values of company name:

a. Click Data Import / Restore.
b. Select Import from Self-Contained File.
c. Click … and locate your insert.sql file.
d. Under Default Target Schema select the database as nus_stock.
e. Click Start import.

- In Eclipse, import the files using Import -> Web -> War File
  All the dependencies will be downloaded automatically.
  Run the project by choosing the J2EE Preview at Localhost option

- Now After unzipping Angular file, open Command Prompt and redirect to the directory where Angular files are stored. Then give the command as ng serve. The localhost will open in your browser by http://localhost:4200
- **Credentials**-
  Username: admin   **Password**: admin
- In the Home Page, Choose any company
- Click on select button
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