why??I

nvesting is study of companies, their financial performance & the evaluating the probability of the stock price of the company rising over periods of time.

Generally in order to evaluate company growth investor will do lots of research before investing.
 Some may research on companies financial performances .. some may predict from past graph moments (how ? there are so many indicators available just to predict next movement . each and every indicator works differently it is not sure which tools will give best result(profit))

Some investors may do both .

Indicators in graph how…??? Below graph uses fibonacci indicator(those 5 horizontal lines) to predict next moment

Graph... lines...Ahhh irritating…??? **in this picture only one indicator is used but there are multiple no. of indicators ..available..

So a newbie who wants to invest may not be able to understand all these things in limited time..their might be chances till newbie understand all these things he may loss opportunities

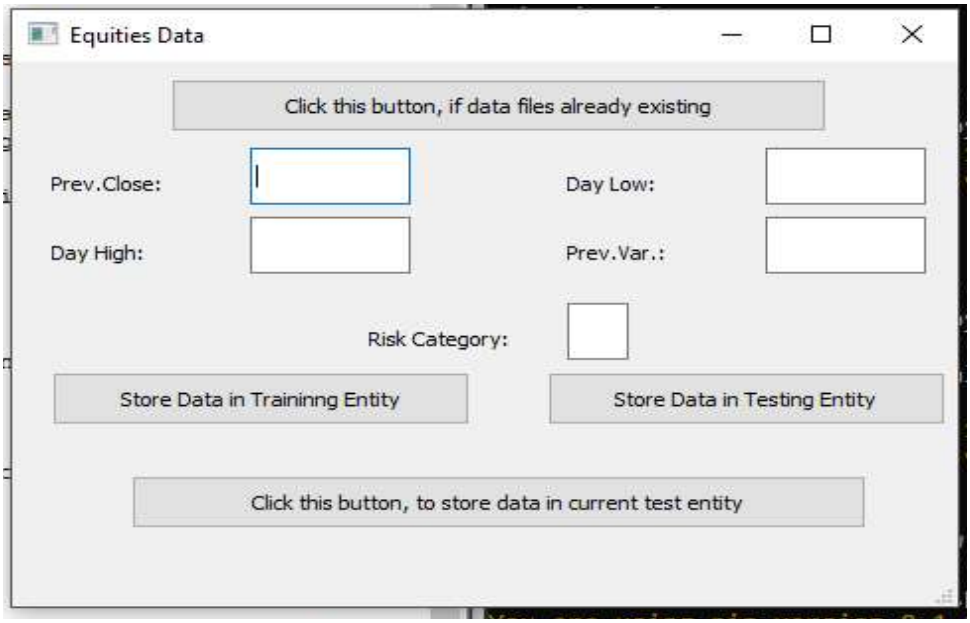
How and what???

So in our project we are developing a tool which will predict risk based on historical data

Historical data…??

1. **Data entry module**

This module will help to create historical data… user needs to enter data and store it in "**training or testing"** by clicking any of those two button



Using this module user can give input……input format i think both of u know

Queries:

1. **in "training data and test data" files while giving input we are also giving risk factor..(0 or 1 or 2).. so on what basis user will give risk factor??**

   Ans: It depends on users discretion. In most of the cases, if the day's variance is too high, then the stock is classified as high risk.

2.we are making predictions from historical data .... How tensorflow will be calculating in our project I mean is their any "mathematical operations" are happening? Like "taking average" of all values related to daystart or dayend or risk value....or any different ways?

Ans: Tensorflow constructs a neural net and train it using the last 4 months data.

The predictions are done through neural net propagation.

2.The Analysis module is used to analyze and identify suitable banking equities based on the investor needs. Already pre created data will be taken to make analysis.

In first step we are creating training and testing file.. So In this above step if we click **"click this button if files already exist"** from above pic then this module will launch.

Here we need to add path of files which are created by us

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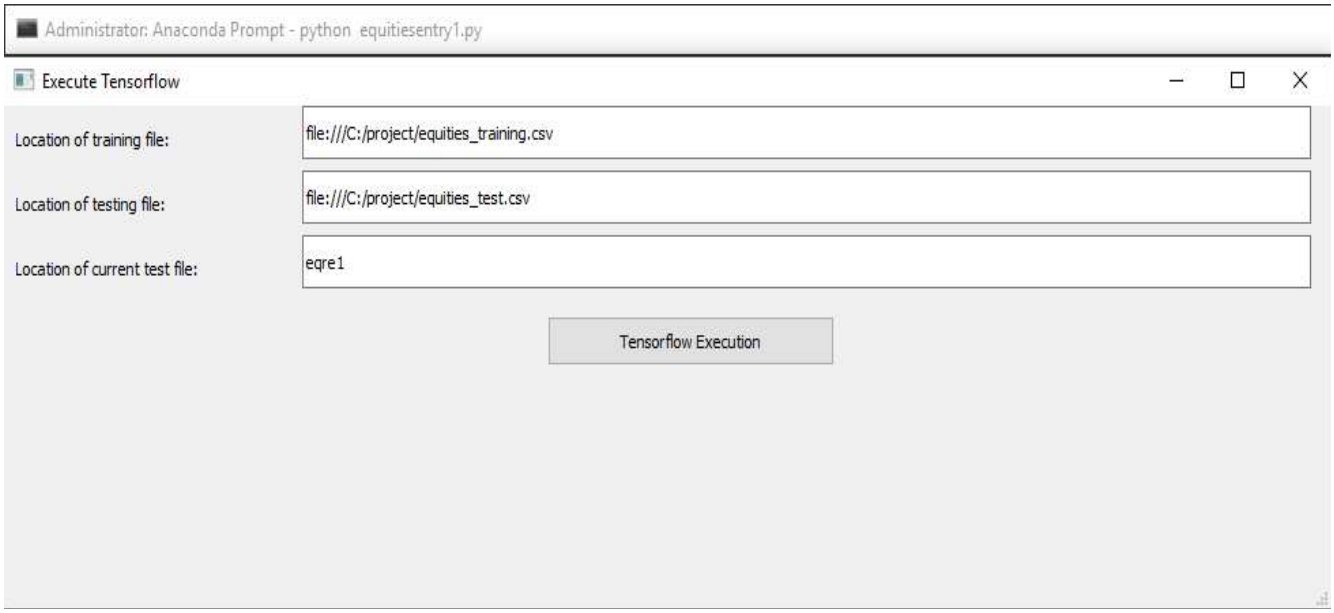
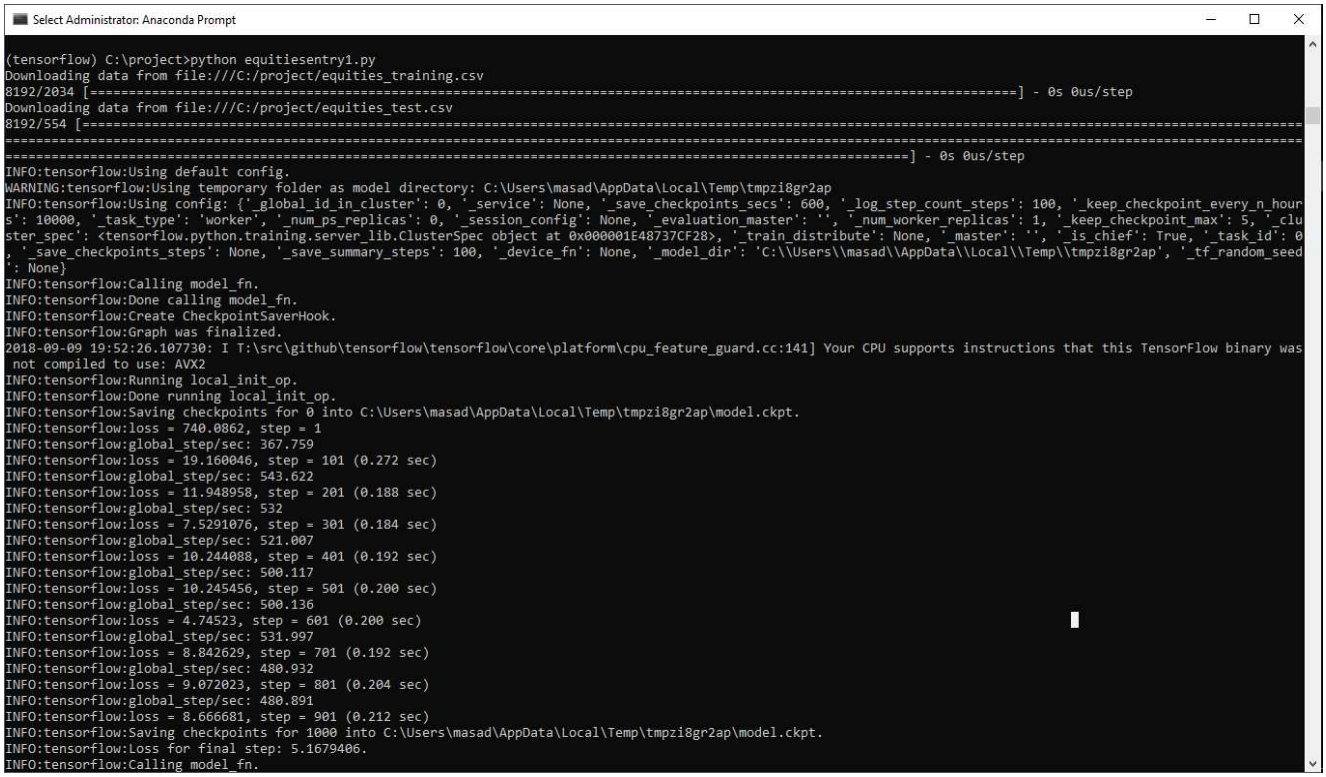
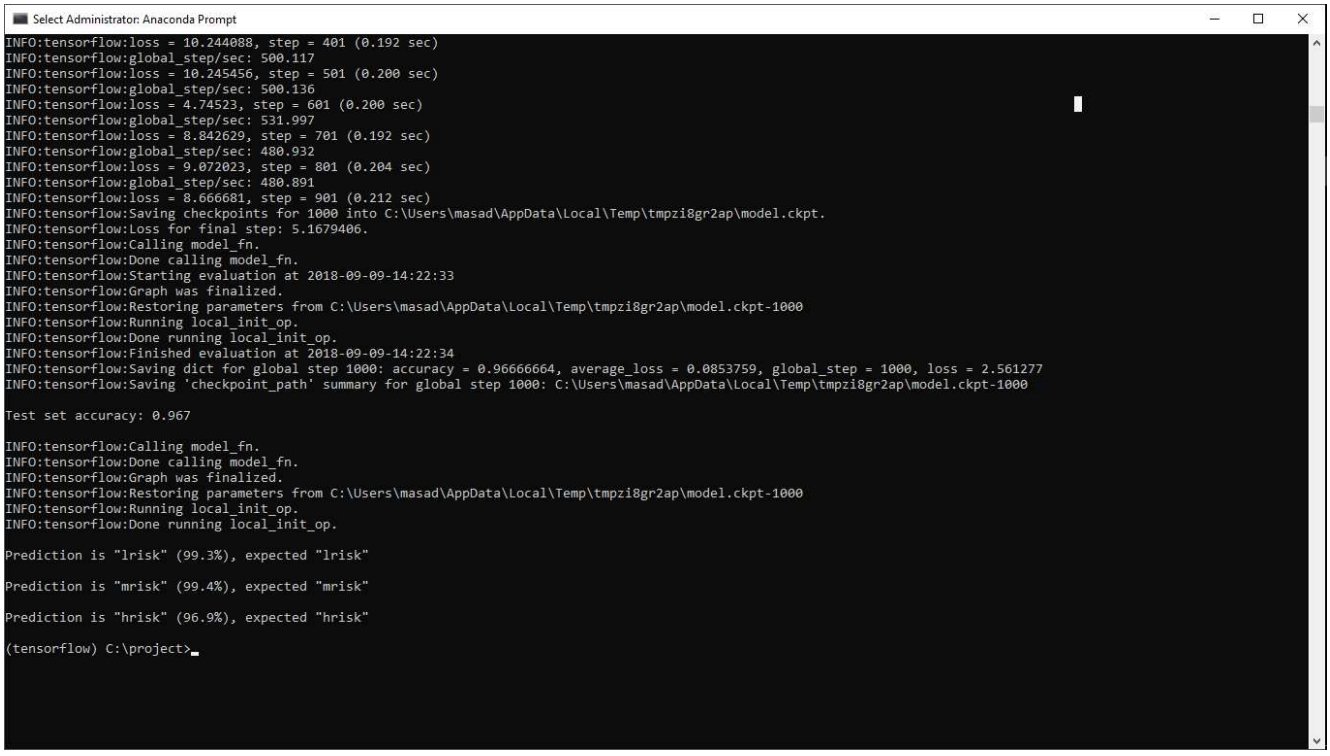


After clicking “Tensorflow execution” button following results will be generated.

To understand how tensorflow exactly watch this once……...in this video data set is same but values different

https://www.youtube.com/watch?v=yX8KuPZCAMo





So what is low risk??…. In stocks if risk is low means **equity changes will happen slowly** if you buy 10rs stock today it might be 10.20 paise or 9.80 paise after 10days .. so with change loss will be less and gain also less

In mrisk …. Changes will be little faster and little slower…

In hrisk… changes will happen rapidly… it can be loss or gain….if you invest 10 rs today … it might be 12.5rs by 3 days or 7.5 by 3 days ….. (actually traders will take out their money if their is 25% gain in value they invested or 25% loss in value they invested it is because of **fear of losing money**)