

SCB Predictive Analytics Contest – the rules

The competition

You can enter the challenge either as an individual or as a team. You cannot be involved in more than one team.

Throughout the challenge we will display the current leading entries on our challenge leaderboard.

You can submit up to 3 separate entries. The entries can be submitted at different times. Your best entry will be counted.

At the end of the challenge we will invite the top individuals/teams to present their work to the challenge committee. This will be an opportunity to present and get feedback on your model from senior stakeholders in the business.

At the end of the presentations, the committee will declare the winner.

The challenge

The challenge is posed as a binary classification problem – can you predict if the market is about to move up or down?

The future market movement is our target variable, with values -1 and +1.

You need to predict the target variable corresponding to the IDs in the Testing set. You will submit your files as a CSV file with two columns: (1) the ID and (2) the prediction (+1 or -1). Please see the example file ExampleSubmissionFile.csv.

Your entry will be scored by the following formula:

$$Accuracy = \frac{\text{number of correct predictions}}{\text{total number of predictions}}$$

To avoid confusion, your submission should include all IDs and a prediction should be made for all IDs.

We will let you know the measured score as soon as possible after your submission.

Whilst it is not required, we would also welcome a brief one or two paragraph summary as to how you came up with your predictions.

Practical information

The data provided is SCB proprietary data. The data is only for use by those competing in the competition and must not be shared. The data must not be sent or transferred outside of the bank network.

There is no requirement or expectation as to how you develop your model. You may choose any software or codebase that you have available to you (whilst noting that the data must remain within the bank network). For your information, R and Python are freely available via the Bank's OneIT system.