Final Year Project - UG

**School** **of** **Computing** **Science** **and** **Engineering** **(SCOPE)**

**B.Tech.** **CSE/CPS/AL** **AND** **ML** **Capstone** **Project** **IN** **HOUSE** **Weekly** **Status** **Report** **– Week\_07-** **19.01.2023** **to** **25.01.2023**

**Program:** **B.Tech.** **CSE/CPS/AI** **AND** **ML** **Batch:** **2019-2023** **Course** **Code:** **CSE1904**

**Register No.: 19BAI1090 Name of the Student: ARNAB KARMAKAR Mobile No. 9721866757**

Project Title: STOCK MARKET PREDICTION USING MACHINE LEARNING

Technical Implementation Steps & Programming Tools:

1. Simple Convolutional Neural Network and ANN- construction and generation of synthetic data from user defined input.
2. Python libraries related to Deep Learning (eg. Caffe, TensorFlow, Keras, sklearn-theano).
3. Deep Learning (DL) libraries used for synthetic data generation (eg. Datawig) that can work with both CPU and GPU.

19.01.2023

20.01.2023

23.01.2023

24.01.2023

25.01.2023

Implementation

Look for ways to handle the possibility of rare/ exceptional stocks.

Work on the Confusion Matrix function and start plotting the attributes. Try to find ways to tackle the issue of data over fitting.

Handle the issues of differences in orientation, backgrounds in sample that cause disparity.

Study the working of SVM (Support Vector Machine) and its use.

Patent / SCI / Scopus Indexed Journal Paper / Scopus Indexed Conference Paper/ Scopus

Indexed Book Chapter

SCI

Work Status

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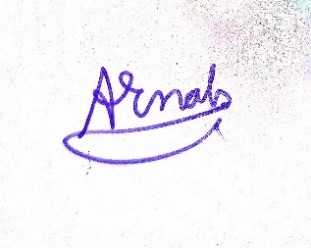
***Excellent*** ***/*** ***Good*** ***/*** ***Satisfactory*** ***/*** ***Needs*** ***improve***

***Attendance*** ***Status***



Regular / Irregular

***CAM*** ***– Max.*** ***5*** ***Marks*** ***per*** ***week***

20/1/23

20/1/23

**Signature** **of** **the** **Student** **with** **date** **Name** **&** **Signature** **of** **the** **Guide** **with** **date**