Final Year Project - UG

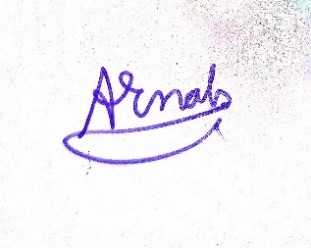
**School of Computing Science and Engineering (SCOPE)**

B.Tech. CSE/CPS/AL AND ML Capstone Project IN HOUSE Weekly Status Report – Week\_06- 12.01.2023 to 18.01.2023

**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

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| --- | --- | --- | --- | --- |
| **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. | | | | |
| **12.01.2023** | **Start working on the Python implementation and define problem metrics.** | | | |
| **13.01.2023** | **Work on the Confusion Matrix function and start plotting the attributes.** | | | |
| **16.01.2023** | **Load the Test List and the Target List into the Confusion Matrix function.** | | | |
| **17.01.2023** | **Study about the working of Data Augmentation in cases** | | | |
| **18.01.2023** | **Study the working of different algorithms and SVM (Support Vector Machine)** | | | |
| **Implementation** | Patent / SCI / Scopus Indexed Journal Paper / Scopus Indexed Conference Paper/ Scopus  Indexed Book Chapter  SCI | | | |
| **Work Status** |   ***Excellent / Good / Satisfactory / Needs improve*** | | | |
|  | |  |  |
| ***Attendance Status*** |   **Regular / Irregular** | ***CAM – Max. 5 Marks per week*** | 5 |  |

13/1/23

13/1/23

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