

BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE APPLICATIONS AND GEO-INFORMATICS

WEEKLY PROGRESS REPORT (13/03/2023 - 19/03/2023)

WEEK 8

PROJECT NAME

MALWARE DETECTION USING ML

PROJECT DESCRIPTION:

DESIGN AND IMPLEMENT ML MODEL TO

JECT DESCRIPTION: DETECT MALWARE IN SYSTEM

GROUP MEMBER: PRATHAM PATEL, Shubham Patel, Shashank

Sharma, Yash Soni

GROUP ID:

GROUP GUIDE: HARSH KIRATSATA

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13/03/2023 TILL 19/03/2023 (7 DAYS)

Implementation ML in TensorFlow

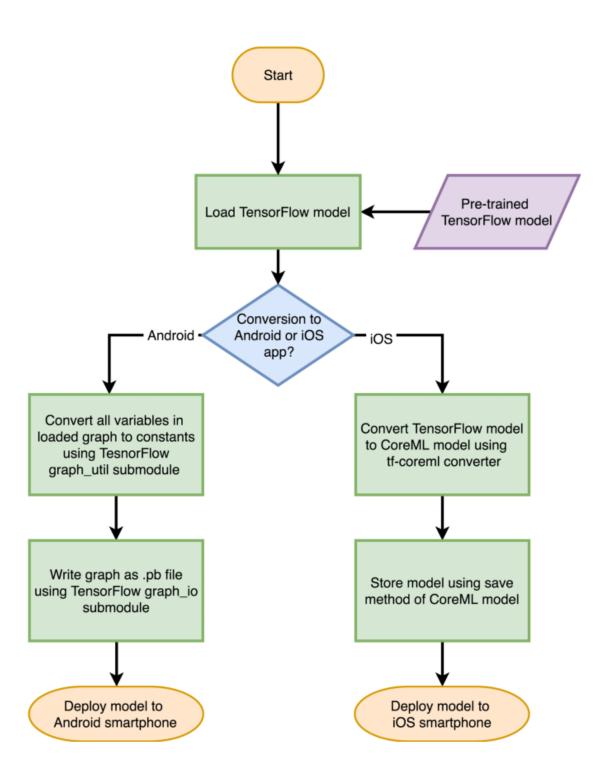
13/03/2023	Understanding basics of TensorFlow.
14/03/2023	Learning how to implement deep learning with TensorFlow.
15/03/2023	Reading about neural networks and its weights.
16/03/2023	Preprocessing the data for Deep learning.
17/03/2023	Creating the format for confusion matrix and splitting data for train and test
18/03/2023	Coding the function for plot metric per epochs
19/03/2023	Holiday (Sunday)

WEEK 9(PLAN)	Creating layer function, Placeholders, graphs, Architect in coding

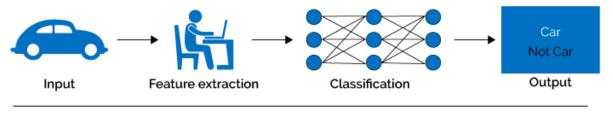
REFERENCE:

- https://www.researchgate.net/figure/Flowchart-depicting-the-stepsneeded-to-convert-a-TensorFlow-model-into-asmartphone fig2 330241412
- https://www.google.com/url?sa=i&url=https%3A%2F%2Fsemiengin eering.com%2Fdeep-learningspreads%2F&psig=AOvVaw1YlihnrhtQ3QKW2gfzVDKt&ust=1678960 400576000&source=images&cd=vfe&ved=0CAMQjB1qFwoTCliXl4TV 3f0CFQAAAAAAAAAAAABAE
- https://www.sciencedirect.com/science/article/pii/S019897151830292
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Screenshots:



Machine Learning



Deep Learning



