
INTERNAL PROJECT

TA : Madhulekha Arunmozhi

Required Skills:

Machine Learning, Deep learning, Tensor Flow

Preferred Team

Communications:

Webex and Conference Call

Data Sources:

Georgia Tech synthetic data, public available datasets

DEEP LEARNING FOR HEALTH CARE

This can be any of the kaggle competitions. Preferably should be based on learning from images. The scope and deliverables of the project will framed depending on which of the kaggle competition is chosen.

Datasets from kaggle :

<https://www.kaggle.com/c/msk-redefining-cancer-treatment>

<https://www.kaggle.com/loveall/cervical-cancer-risk-classification>

<https://www.kaggle.com/rajanand/key-indicators-of-annual-health-survey>

<https://www.kaggle.com/jboysen/malaria-mosquito>

<https://www.kaggle.com/uciml/pima-indians-diabetes-database>

<https://www.kaggle.com/cdc/chronic-disease>

PROJECT OBJECTIVES

Select a competition that uses images and learn Convolutional Neural Networks and it's different architectures to complete any of the above competitions.

SUCCESSFUL PROJECT

High rank in Kaggle! 😊

Intellectual Property: Project involves a government agency so the resulting project is made available to the public. Students do not own IP. Students will be recognized as contributors.