ENDRI KASTRATI

FIT3036 S2 2017 ☆ Team Visible

Pin Board

A Deep-learning approach to Thyroid disease classification

Build a multi-layer perceptron network that can classify thyroid gland disease with accuracy.

C programming language,GNU scientific library, GNU Make

http://archive.ics.uci.edu/ml/datasets/thyroid+disease

Synthesis and performance analysis of Multilayer neural network architectures,Optimization of the Back propagation algorithm for training Multilayer Perceptrons

1

project proposal/specifications

3 1

Course Progression

Assignment1

Assignment 2

Assignment 3

Assignment 4

To-Do

Doing

Done

week 1: Figure out what kind of a project you will work on.

week 2: Search for datasets, research papers and tools.

week 3: download the necessary packages and libraries.

week 4: Start implementing the artificial neural network.

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Week 5: Completed the implementation of the neural layer data structure, currently working on the neural net data structure.

Week 6: Completed the ANN library. Also completed the command line interface for training a model.

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Week 7: Computer Science project has been completed. The only remaining aspect is a user-interface for the digital thyroidologist

2

Week 8: Performed a set of tests to verify that the command line program is working as expected.

Week 9: Working on the user-interface

Week 10: Completed the user-interface for the digital thyroidologist.

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Week 11: Completed the final project report.

3 1

Week 12: Completed the presentation

I'm stuck

Ideas

Wishlist

Graveyard

Trash