

Implement Center Module for Learning Api -Software Engineering WS 18/19-

Lecturer: Damir Dobric

Professor: Prof. Dr. Andreas Pech

Student: Valerian Scherr (1101089)

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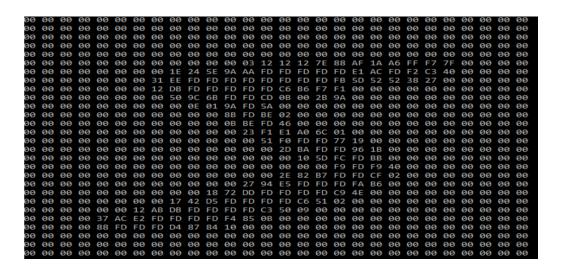
Methods

- Building the Average
- →sum up all the values and divide them by the sum of number of values
- Binarization of an array
- → Build the average overall entries in the Array
- >Every entry which is bigger than the average will be replaced with 1
- → Every entry which is smaller will be replaced with 0

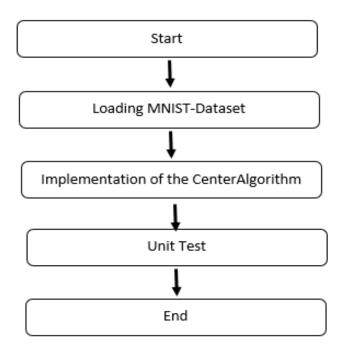
MNIST-Dataset of Handwritten Digits

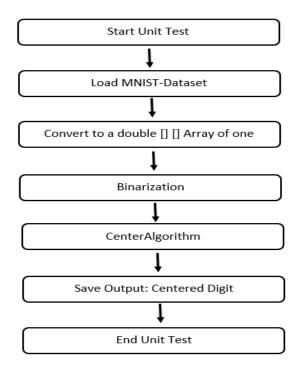
- -Big Dataset of Handwritten Digits from 0-9 (over 60.000 Images)
- -Dataset is used in the field of machine Learning
- -Every Dataset consists of two files (label and pixel)
- -Size: 28x28 pixels





Architecture





Implementation

- -Code explanation
- -Present Unit-Tests

Thank you for you Attention!

Questions?