Golearn

簡單利用Go語言處理機器學習

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@frozenkp
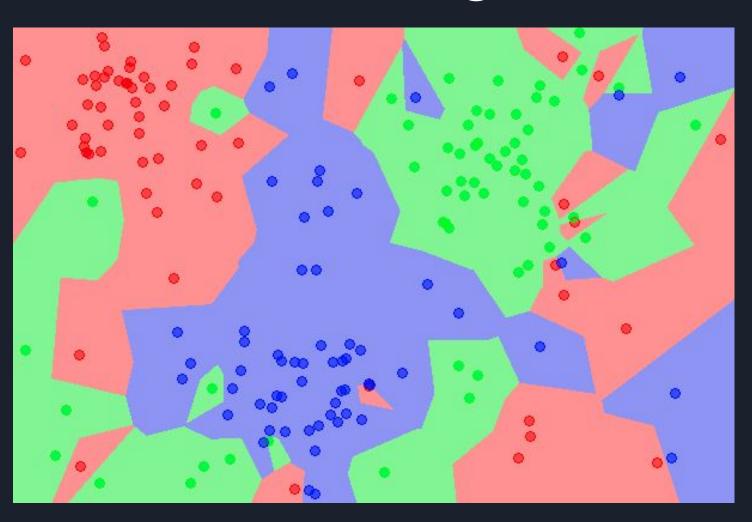國立交通大學資工系

Golearn

a "batteries included" machine learning library for Go.

Methods

- Decision Tree

- KNN

- Bayes

- Linear Regression
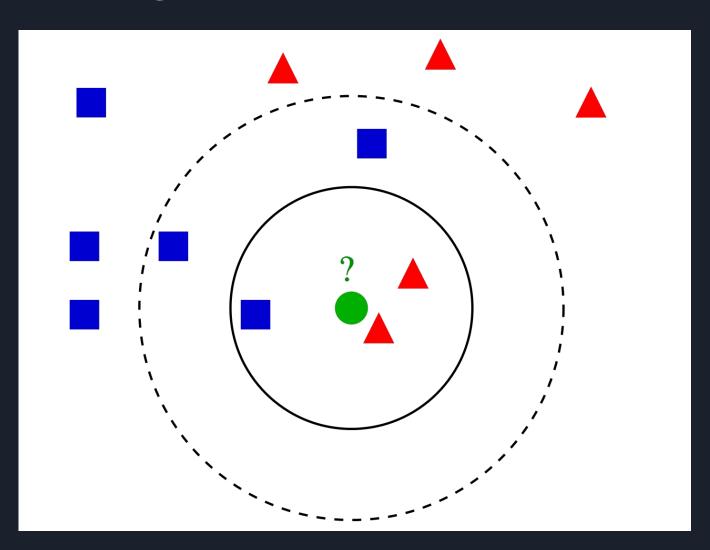
- Neural Network

K Nearest Neighbors

Paramemter

Distance

- manhattan

- euclidean

- cosine

Search

- linear

- kdtree

- balltree (soon)

$$\sqrt[n]{(\ |x_1-y_1|^n\ +\ \dots\ +\ |x_m-y_m|^n\ )}$$
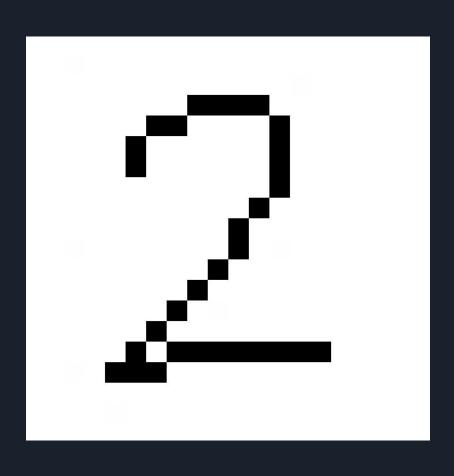
Weighted KNN

Demo

Handwriting recognition with KNN
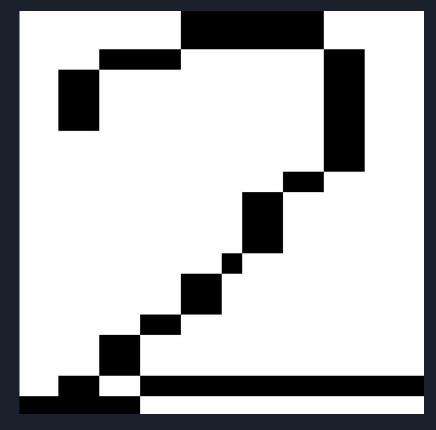
Preprocessing
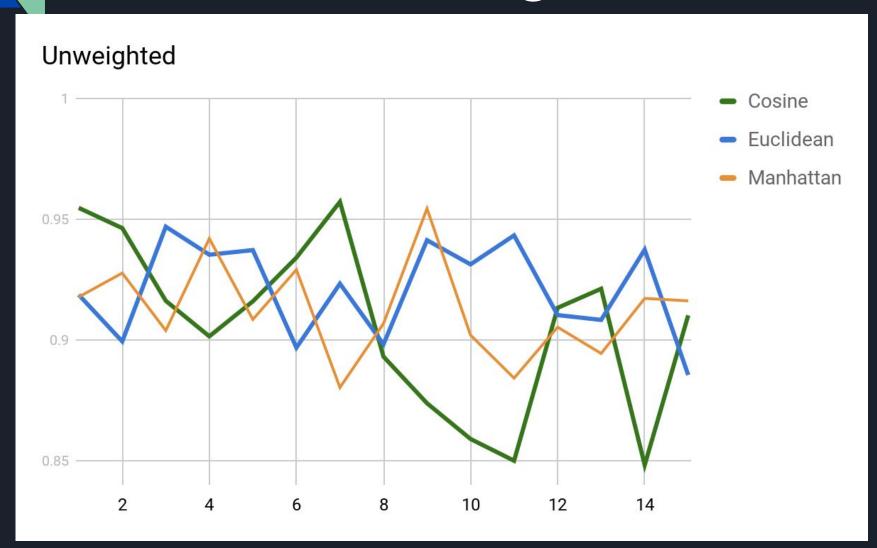
Preprocessing

Model Training

Unweighted

Model Training

Weighted