THU-Coursework-Machine-Learning-for-Big-Data

This file will become your README and also the index of your documentation.

## Developer Guide

如果你想加入我们一起开源作业，请阅读以下指南。

If you are new to using nbdev here are some useful pointers to get you started.

### 关于Quarto和nbdev一些需要配置的地方

nbdev\_install\_quarto  
quarto install tinytex  
quarto install chromium  
sudo apt-get install librsvg2-bin

### 关于nbdev、quarto+pandoc 这一套系统支持和不支持的markdown与latex语法

* latex公式：
  + 不能用””
  + 对于align公式,似乎都失败了 align, aligned和aligned\*, [参考](https://tex.stackexchange.com/questions/256920/package-amsmath-error-beginaligned-allowed-only-in-math-mode)
  + MathJax引擎支持的应该支持。https://quarto.org/docs/output-formats/html-basics.html
  + VSCode也用的是 MathJax https://stackoverflow.com/questions/62879232/how-do-i-use-latex-in-a-jupyter-notebook-inside-visual-studio-code
* markdown语法：

### Install THU\_Coursework\_Machine\_Learning\_for\_Big\_Data in Development mode

# make sure THU\_Coursework\_Machine\_Learning\_for\_Big\_Data package is installed in development mode  
$ pip install -e .  
  
# graphviz 需要单独安装  
conda install conda-forge::graphviz  
  
  
# make changes under nbs/ directory  
# ...  
  
# compile to have changes apply to THU\_Coursework\_Machine\_Learning\_for\_Big\_Data  
$ nbdev\_prepare

## Usage

我们在学习清华大学《大数据机器学习》以及《大数据分析》两门课程完成作业的同时，也形成了一个简单的机器学习与数据分析库，对李航《统计学习方法》上的部分代码做了实现和可视化，你可以通过安装我们的库来复用我们写的代码逻辑。

### Installation

Install latest from the GitHub [repository](https://github.com/Open-Book-Studio/THU-Coursework-Machine-Learning-for-Big-Data):

$ pip install git+https://github.com/Open-Book-Studio/THU-Coursework-Machine-Learning-for-Big-Data.git

or from [pypi](https://pypi.org/project/THU-Coursework-Machine-Learning-for-Big-Data/)

$ pip install thu\_big\_data\_ml

### Documentation

Documentation can be found hosted on this https://thu-coursework-machine-learning-for-big-data-docs.vercel.app/ . Additionally you can find package manager specific guidelines on [pypi](https://pypi.org/project/THU-Coursework-Machine-Learning-for-Big-Data/) respectively.

## How to use

Fill me in please! Don’t forget code examples:

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