| 📄 | Part VIII. Adding regularization and polynomial features.ipynb | 23 days ago |
| 📄 | README.md | 21 days ago |
| 📄 | confusion_matrix.png | last month |
| 📄 | cross_validation.png | last month |

**README.md** ✏️

# Classification algorithms

## Jupyther notebooks

- [Classification with scikit-learn: the knn algorithm](#)
- [Cross validation and Classification Metrics](#)
- [Grid Search](#)
- [Classification Threshold](#)
- [Feature Engineering](#)
- [Pipelines](#)
- [More Classification Models](#)
- [Adding regularization](#)

## Homework (due Sept 21, Monday)

- [Handwritten digits](#)
- [A linguistic street map of Singapore](#)
- [A simple face detector](#)

## In-class project (due, Oct 2, Friday)

- [Diabetes in America: Identifying at-risk individuals](#)

## Datasets

| Filename | Description | Source |
| --- | --- | --- |

| Filename | Description | Source |
| --- | --- | --- |
| LLCP2019.ASC | The Behavioral Risk Factor Surveillance System Survey | CDC |
| pima.csv | Pima indians diabetes database | Kaggle |
| iris.csv | 50 samples of 3 different species of iris | UCI Machine Learning Repository |
| streets.csv | Singapore street names | Michelle Fullwood |
| digits.csv | Subset of the MNIST dataset | |
| digits_test.csv | Subset of the MNIST dataset | |
| titanic.csv | Famous Titanic daseset from Kaggle | Kaggle |