Part I

Python

Part II

Scikit-Learn

Chapter 1

feature_extraction

1.1 DictVectorizer

1.2 text

1.2.1 CounterVector

1.2.2 TfidfVectorizer

Table 1.1: feature_extraction

CounterVector	DictVectorizer TfidfVectorizer

Chapter 2

preprocessing

2.1 PolynomialFeatures

Table 2.1: preprocessing

PolynomialFeatures

Chapter 3

impute

3.1 SimpleImputer

Table 3.1: impute

SimpleImputer

Chapter 4

pipeline

4.1 make_pipeline

Table 4.1: pipeline

make_pipeline

Chapter 5

datasets

Table 5.1: datasets

make_blobs	fetch_20newsgroups

Chapter 6

naive_bayes

6.1 GaussianNB
6.2 MultinomialNB

Table 6.1: naive_bayes

GaussianNB	MultinomialNB

Chapter 7

metrics

7.1   confusion_matrix

Table 7.1: metrics

confusion_matrix

Part III

NumPy

Chapter 8

routines

8.1 Mathematical functions

8.1.1 prod

Table 8.1: routines: Mathematical functions

prod