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# A description of project

The

**\_Documentation**

# Related technology, service, opensource software

## 2.1 Weka

### 2.1.1 set up django

사용자가 파일을 선택하고 (.arff형식) 데이터 전처리, 시각화등을 제공해줌

데이터 전처리 -> 표본추출(sampling) – 적당한 표본 크기를 추출하여 정보 손실 최소화,속성선택(feature selection) – 무관하거나 중복된 속성들을 배제, 중요도에 따라 가중치를 부여함,차원축소(dimensionality reduction) – 주성분분석(PCA) , 부분최소제곱회귀(PLSR) 적용,산화(discretization), 이진화(binarization), 변수변환 등을 이용한 전처리

## 2.2 RapidMiner

### 2.2.1. install Chrome Extension

1. access [https://github.com/choiyooung/summaryhelp/](https://github.com/choiyooung/summaryhelp/tree/feature/chromeExtension)

## 2.2 Orange data mining

### 2.2.1. install Chrome Extension

1. access [https://github.com/choiyooung/summaryhelp/](https://github.com/choiyooung/summaryhelp/tree/feature/chromeExtension)

## 2.2 R

### 2.2.1. install Chrome Extension

1. access [https://github.com/choiyooung/summaryhelp/](https://github.com/choiyooung/summaryhelp/tree/feature/chromeExtension)

## 2.2 KNIME

### 2.2.1. install Chrome Extension

1. access [https://github.com/choiyooung/summaryhelp/](https://github.com/choiyooung/summaryhelp/tree/feature/chromeExtension)

위와 같은 오픈소스 툴들은 기본적으로 데이터를 전처리하고 분석하여 시각화를 보여주는데 우리가 중점적으로 다룬 위도 경도 값이 들어간 엑셀파일을 통해 시각화를 하고 가중치에 따른 연산을 하고 엑셀파일 자체의 전처리가 들어가는 오픈소스는 없음.

# Vamap

## 1. Architecture



## 2. Workflow

### 1. github

Chrome extension

### 2. personal

Chrome extension

## 3. implementation

### 1. Parser.

1. Chrome extension

### 2. dataproc.

1. Chrome extension

### 2. scoring.

1. Chrome extension

### 2. dataproc.

1. Chrome extension

# performance

## Main result

# Github repository

## 5.1. commit, contributor, issue/pull request

1. You drag the article you want to summarize
2. if you do right-click and then click our icon of context menu, you can show that the article you dragged is stored in extension program.
3. Click ‘summary’ button and then you will show summarized article.

## 5.2. usage

* 1. You drag the article you want to summarize
  2. Then you copy the article to ‘Ctrl+c’.
  3. Now you can turn on Google Extension program and paste them into a text window.
  4. Click ‘summary’ button and then you will show summarized article.