Tutorial of KokumiPD

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1. Offline version deployment

1.1 Installation of python dependencies

```
numpy 1.24.3
rdkit
        2023.3.2
torch
        2.0.1+cpu
dgl
        1.1.1
dglife
       0.3.2
1.2 Run KokumiPD
python predictor.py
         -h, --help
                         show this help message and exit
         -t \{0,1\}, --type \{0,1\}
                        0 is Graph Neural Network (GNN) for predict kukumi/non-kokumi,
                        1 is Support Vector Machine (SVM) with 2D-fingerprint RDKFP as input
```

-i FILE, --file FILE input smiles file, don't have a header, only a column smiles

output file

2. Webserver version deployment

-o OUT, --out OUT

2.1 MySQL

Dowaload and install from https://www.mysql.com/ \$ mysql -u username - p password > create database kokumi;

2.2 Django

Dowaload and install from https://www.djangoproject.com/
Installation of python dependencies
\$ pip install djangorestframework
\$ pip install django-cors-headers
Configuring the database information in settings.py
Configuring the cross-domain information in settings.py
\$ python manage.py migrate
\$ python manage.py makemigrations
\$ python manage.py migrate
\$ python manage.py runserver

2.3 Vue

Dowaload and install from https://cn.vuejs.org/ Configure your backend API \$ npm run dev