**Work Report**

Author: Lion

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1. **Work Plan**

Build the stock prediction project and understand the work flow including data mining and select the prediction model and train , test.

1. **Work Performance**

* >> Import sklearn failed:

Solution: py -m pip install scikit-learn

* >> no module name: ‘yfinace’
* Stock\_prediction: failed/ no necessary further more

Flask Framework learning

* Py -m pip install virtualenv
* Virtualenv venv
* Py -m pip install flask

-routing:

@app.route(‘/hello’)

def hello(name=None):

return ‘Hello %s!’ %name

-db

    app.config.from\_mapping(

        SECRET\_KEY**=**'dev',

        DATABASE**=**os.path.join(app.instance\_path, 'flaskr.sqlite'),

    )

-run

Set flask\_app=app.py

Set flask\_debug=1

Flask run

**Database**

-postsql server connection

Windows -> psql->

>>localhost

>>postgres

>>5432

>>postgres

>>lion0317 //when install postgres setting password

Server is running on localhost:5432

Postgres=#CREATE DATABASE flask\_db;

Postgres=#CREATE USER sammy1 WITH PASSWORD ‘password’;

GRANT ALL PRIVILEGES ON DATABASE flask\_db TO sammy1;

# \l //list database

#\q //quit postgres

DB: postgres

User:postgres

Pwd:lion0317

Db:flask\_db

User:sammy1’

Pwd:password

CREATE TABLE books (id serial PRIMARY KEY,title varchar (150) NOT NULL,author varchar (50) NOT NULL,pages\_num integer NOT NULL,review text,date\_added date DEFAULT CURRENT\_TIMESTAMP);

* Database select

Postgres# \c db\_name

* Remove db

Postgres# drop database db\_name;

[\\\\\\user](file:///\\\\\\user): postgres password: lion0317

**When you are gonna run Flask project, please confirm flask –v.**

**And then migration need.**

**Next ,**