**Python3 imports:**

import sqlite3

from datetime import datetime

from flask import Flask, Blueprint, render\_template, abort, request, flash, redirect, url\_for

from flask\_login import login\_required, current\_user

import sqlite3

from datetime import datetime

**PIP Packages:**

- pip install flask

- pip install flask-login

- pip install Flask Flask-WTF Flask-Login Flask-SQLAlchemy Flask-Migrate Flask-Bcrypt Flask-Mail Flask-Uploads Flask-RESTful

To confirm – run pip install pipreqs

pip list (should result in following):

Package Version

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alabaster 0.7.12

anaconda-client 1.11.2

anaconda-navigator 2.4.2

anaconda-project 0.11.1

anyio 3.5.0

appdirs 1.4.4

applaunchservices 0.3.0

appnope 0.1.2

appscript 1.1.2

argon2-cffi 21.3.0

argon2-cffi-bindings 21.2.0

arrow 1.2.3

astroid 2.14.2

astropy 5.1

asttokens 2.0.5

atomicwrites 1.4.0

attrs 22.1.0

Automat 20.2.0

autopep8 1.6.0

Babel 2.11.0

backcall 0.2.0

backports.functools-lru-cache 1.6.4

backports.tempfile 1.0

backports.weakref 1.0.post1

bcrypt 3.2.0

beautifulsoup4 4.11.1

binaryornot 0.4.4

black 22.6.0

bleach 4.1.0

blinker 1.6.2

bokeh 2.4.3

boltons 23.0.0

Bottleneck 1.3.5

brotlipy 0.7.0

certifi 2023.5.7

cffi 1.15.1

chardet 4.0.0

charset-normalizer 2.0.4

click 8.1.4

cloudpickle 2.0.0

clyent 1.2.2

colorama 0.4.6

colorcet 3.0.1

comm 0.1.2

conda 23.3.1

conda-build 3.24.0

conda-content-trust 0.1.3

conda-pack 0.6.0

conda-package-handling 2.0.2

conda\_package\_streaming 0.7.0

conda-repo-cli 1.0.41

conda-token 0.4.0

conda-verify 3.4.2

constantly 15.1.0

contourpy 1.0.5

cookiecutter 1.7.3

cryptography 39.0.1

cssselect 1.1.0

cycler 0.11.0

cytoolz 0.12.0

dask 2022.7.0

datashader 0.14.4

datashape 0.5.4

debugpy 1.5.1

decorator 5.1.1

defusedxml 0.7.1

diff-match-patch 20200713

dill 0.3.6

distributed 2022.7.0

docopt 0.6.2

docstring-to-markdown 0.11

docutils 0.18.1

entrypoints 0.4

et-xmlfile 1.1.0

executing 0.8.3

fastjsonschema 2.16.2

filelock 3.9.0

flake8 6.0.0

Flask 2.3.2

Flask-Login 0.6.2

Flask-Mail 0.9.1

Flask-SQLAlchemy 3.0.5

flit\_core 3.6.0

fonttools 4.25.0

fsspec 2022.11.0

future 0.18.3

gensim 4.3.0

glob2 0.7

gmpy2 2.1.2

greenlet 2.0.1

h5py 3.7.0

HeapDict 1.0.1

holoviews 1.15.4

huggingface-hub 0.10.1

hvplot 0.8.2

hyperlink 21.0.0

idna 3.4

imagecodecs 2021.8.26

imageio 2.26.0

imagesize 1.4.1

imbalanced-learn 0.10.1

importlib-metadata 4.11.3

incremental 21.3.0

inflection 0.5.1

iniconfig 1.1.1

intake 0.6.7

intervaltree 3.1.0

ipykernel 6.19.2

ipython 8.10.0

ipython-genutils 0.2.0

ipywidgets 7.6.5

isort 5.9.3

itemadapter 0.3.0

itemloaders 1.0.4

itsdangerous 2.1.2

jedi 0.18.1

jellyfish 0.9.0

Jinja2 3.1.2

jinja2-time 0.2.0

jmespath 0.10.0

joblib 1.1.1

json5 0.9.6

jsonpatch 1.32

jsonpointer 2.1

jsonschema 4.17.3

jupyter 1.0.0

jupyter\_client 7.3.4

jupyter-console 6.6.2

jupyter\_core 5.2.0

jupyter-server 1.23.4

jupyterlab 3.5.3

jupyterlab-pygments 0.1.2

jupyterlab\_server 2.19.0

jupyterlab-widgets 1.0.0

keyring 23.4.0

kiwisolver 1.4.4

lazy-object-proxy 1.6.0

libarchive-c 2.9

llvmlite 0.39.1

locket 1.0.0

lxml 4.9.1

lz4 3.1.3

Markdown 3.4.1

MarkupSafe 2.1.1

matplotlib 3.7.0

matplotlib-inline 0.1.6

mccabe 0.7.0

mistune 0.8.4

mock 4.0.3

mpmath 1.2.1

msgpack 1.0.3

multipledispatch 0.6.0

munkres 1.1.4

mypy-extensions 0.4.3

navigator-updater 0.3.0

nbclassic 0.5.2

nbclient 0.5.13

nbconvert 6.5.4

nbformat 5.7.0

nest-asyncio 1.5.6

networkx 2.8.4

nltk 3.7

notebook 6.5.2

notebook\_shim 0.2.2

numba 0.56.4

numexpr 2.8.4

numpy 1.23.5

numpydoc 1.5.0

openpyxl 3.0.10

packaging 22.0

pandas 1.5.3

pandocfilters 1.5.0

panel 0.14.3

param 1.12.3

parsel 1.6.0

parso 0.8.3

partd 1.2.0

pathlib 1.0.1

pathspec 0.10.3

patsy 0.5.3

pep8 1.7.1

pexpect 4.8.0

pickleshare 0.7.5

Pillow 9.4.0

pip 22.3.1

pipreqs 0.4.13

pkginfo 1.9.6

platformdirs 2.5.2

plotly 5.9.0

pluggy 1.0.0

ply 3.11

pooch 1.4.0

poyo 0.5.0

prometheus-client 0.14.1

prompt-toolkit 3.0.36

Protego 0.1.16

psutil 5.9.0

ptyprocess 0.7.0

pure-eval 0.2.2

py 1.11.0

pyasn1 0.4.8

pyasn1-modules 0.2.8

pycodestyle 2.10.0

pycosat 0.6.4

pycparser 2.21

pyct 0.5.0

pycurl 7.45.1

PyDispatcher 2.0.5

pydocstyle 6.3.0

pyerfa 2.0.0

pyflakes 3.0.1

Pygments 2.11.2

PyHamcrest 2.0.2

PyJWT 2.4.0

pylint 2.16.2

pylint-venv 2.3.0

pyls-spyder 0.4.0

pyobjc-core 9.0

pyobjc-framework-Cocoa 9.0

pyobjc-framework-CoreServices 9.0

pyobjc-framework-FSEvents 9.0

pyodbc 4.0.34

pyOpenSSL 23.0.0

pyparsing 3.0.9

PyQt5-sip 12.11.0

pyrsistent 0.18.0

PySocks 1.7.1

pysqlite3 0.5.1

pytest 7.1.2

python-dateutil 2.8.2

python-lsp-black 1.2.1

python-lsp-jsonrpc 1.0.0

python-lsp-server 1.7.1

python-slugify 5.0.2

python-snappy 0.6.1

pytoolconfig 1.2.5

pytz 2022.7

pyviz-comms 2.0.2

PyWavelets 1.4.1

PyYAML 6.0

pyzmq 23.2.0

QDarkStyle 3.0.2

qstylizer 0.2.2

QtAwesome 1.2.2

qtconsole 5.4.0

QtPy 2.2.0

queuelib 1.5.0

regex 2022.7.9

requests 2.28.1

requests-file 1.5.1

requests-toolbelt 0.9.1

rope 1.7.0

Rtree 1.0.1

ruamel.yaml 0.17.21

ruamel.yaml.clib 0.2.6

ruamel-yaml-conda 0.17.21

scikit-image 0.19.3

scikit-learn 1.2.1

scipy 1.10.0

Scrapy 2.8.0

seaborn 0.12.2

Send2Trash 1.8.0

service-identity 18.1.0

setuptools 65.6.3

sip 6.6.2

six 1.16.0

smart-open 5.2.1

sniffio 1.2.0

snowballstemmer 2.2.0

sortedcontainers 2.4.0

soupsieve 2.3.2.post1

Sphinx 5.0.2

sphinxcontrib-applehelp 1.0.2

sphinxcontrib-devhelp 1.0.2

sphinxcontrib-htmlhelp 2.0.0

sphinxcontrib-jsmath 1.0.1

sphinxcontrib-qthelp 1.0.3

sphinxcontrib-serializinghtml 1.1.5

spyder 5.4.1

spyder-kernels 2.4.1

SQLAlchemy 1.4.39

stack-data 0.2.0

statsmodels 0.13.5

sympy 1.11.1

tables 3.7.0

tabulate 0.8.10

TBB 0.2

tblib 1.7.0

tenacity 8.0.1

terminado 0.17.1

text-unidecode 1.3

textdistance 4.2.1

threadpoolctl 2.2.0

three-merge 0.1.1

tifffile 2021.7.2

tinycss2 1.2.1

tldextract 3.2.0

tokenizers 0.11.4

toml 0.10.2

tomli 2.0.1

tomlkit 0.11.1

toolz 0.12.0

torch 1.12.1

tornado 6.1

tqdm 4.64.1

traitlets 5.7.1

transformers 4.24.0

Twisted 22.2.0

typing\_extensions 4.4.0

ujson 5.4.0

Unidecode 1.2.0

urllib3 1.26.14

w3lib 1.21.0

watchdog 2.1.6

wcwidth 0.2.5

webencodings 0.5.1

websocket-client 0.58.0

Werkzeug 2.3.6

whatthepatch 1.0.2

wheel 0.38.4

widgetsnbextension 3.5.2

wikipedia 1.4.0

wrapt 1.14.1

wurlitzer 3.0.2

xarray 2022.11.0

xlwings 0.29.1

yapf 0.31.0

yarg 0.1.9

zict 2.1.0

zipp 3.11.0

zope.interface 5.4.0

zstandard 0.19.0

**Access Virtual Environment**:

source env/bin/activate

**Run App:**

export FLASK\_APP=App\_Code

flask run