Setup Guide

Contents

Database

Files

Number of Files: **9 (csv) + 2 (sql)**

1. vaccination-data.csv
2. unemployment-data.csv
3. nke-data.csb
4. n225-data.csv
5. ixic-data.csv
6. googl-data.csv
7. general-data.csv
8. flight-data.csv
9. amzn-data.csv
10. *structure_setup.sql*
11. *loadLargeFiles.sql*

Loading

To load all the data files, go to the "*Datas*" folder.

- Inside the folder, it should contain **9 csv files**
- **2 sql files**

The SQL files is used to help load and create the necessary tables and database.

- **structure_setup.sql** should be run first, this file will be used to setup and create the database and tables.
- **loadLargeFiles.sql** is used for loading all the data to its corresponding tables.

To import these large files, please copy and paste the files into the "MySQL Server 8.0/Uploads/".

- This folder should be under this defualt path…"C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/"
  - ○ **IF, it is not**. Please, change the LOAD DATA INFILE path inside the SQL file named "*loadLargeFiles.sql*" to your corresponding path.
- Example:
  - ○ *loadLargeFiles.sql*

```
1 ●   LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/general-data.csv' IGNORE
2     INTO TABLE generalData
3     FIELDS TERMINATED BY ','
4     LINES TERMINATED BY '\n'
5     IGNORE 1 LINES;
```
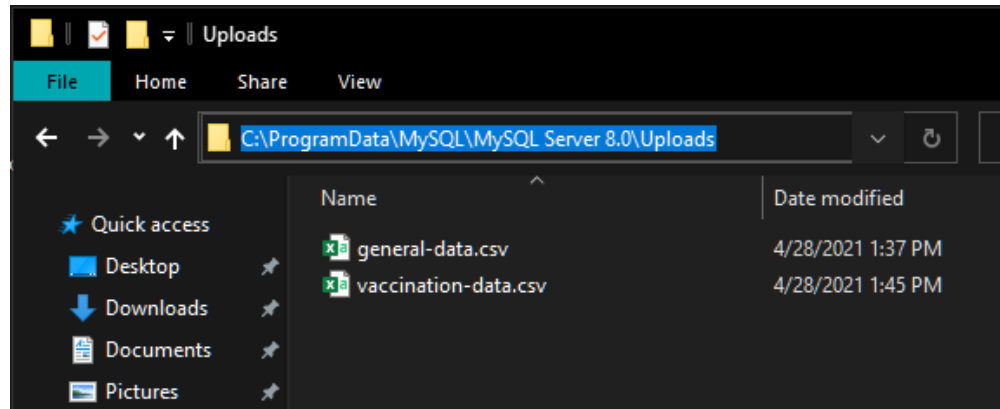
- Folder Path

Table Altering

All the data in the tables are not altered but some of the structures were. I had to remove some columns inside couple tables to make the files smaller and remove the unnecessary data that I was not planning on utilizing. For some stock data, I did replace empty cells with 0s to make my life easier when comparing/contrasting different tables.
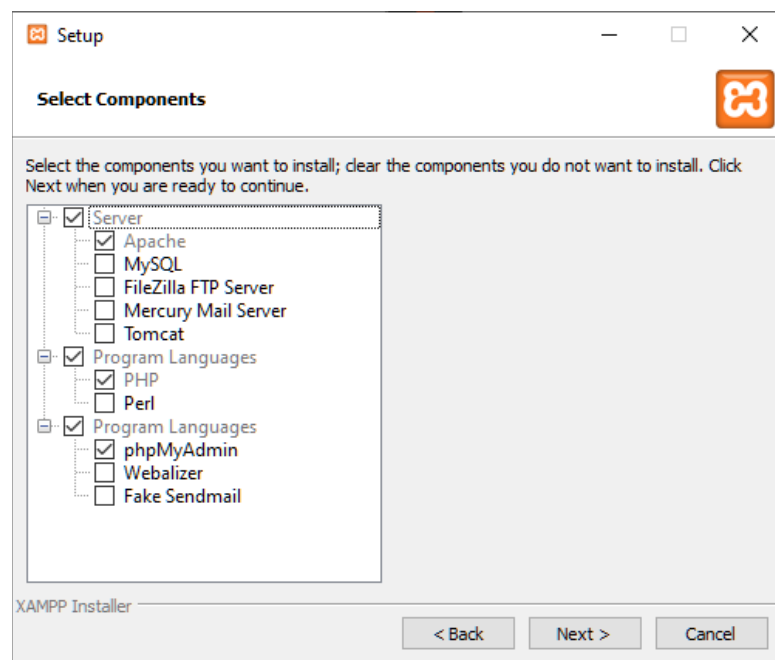
Application

Software(s)
- This application will require 2 main software:
  - o MySQL – assuming we know how to download and install this since this is the main database we use in class!
  - o XAMPP

XAMPP
- Download: https://www.apachefriends.org/download.html
  - o Choose the right installation for your system!
- Version: 8.0.3
- Please install with these settings:

- Choose the folder you want to install in
  - o Default is to be installed on the C: drive!

After Installation
Open the **MoveToHtdocs** folder inside the **cs480** folder and access the **config.php** file.

- Inside this file is where you will input your information to access the MySQL database.

Move the folder call **MoveToHtdocs** to **htdocs** inside of the **xampp** folder (or the folder where you installed your XAMPP).

- **Xampp** folder should contain a folder called **htdocs**

- Open **htdocs** folder and drag the **MoveToHtdocs** folder into it

MoveToHtdocs should contain the **css** folder and 4 php files (config, index, market, unemployment)

Access the Application

1. Open the XAMPP Control Panel application
2. Start Apache [should turn green]
3. Open a web browser
4. Type: http://localhost/MoveToHtdocs/index.php

If things did not go wrong, you should be able to see: