BMP Directory Structure

This document will guide you through the directory structure suggested for this course.

(*) bmp stands for Big data Modeling and Platforms.

Terminal and PowerShell

Mac and Windows work slightly different:

- For Mac, you can use the built-in *Terminal* app.
- For Windows, you must use the built-in *Windows PowerShell*.

Setting up the BMP Workspace Directory

Open your terminal and navigate to your home directory:

```
cd ~
```

Make a directory to store all course-related data:

```
mkdir projects/bmp/workspace
```

After creating the directory, the directory structure should look like this:

```
/Users/chunj
└── projects
    └── bmp
        └── workspace
```

where you should expect your actual username in place of chunj.

Understanding the BMP Workspace

Throughout this course, the term **"bmp workspace"** refers to the directory path:

```
/Users/<your_username>/projects/bmp/workspace
```

where <your_username> is your actual username on your system.

Whenever you are instructed to "go to your bmp workspace," use the following command:

```
cd ~/projects/bmp/workspace
```

Future Directory Structure

```
/Users/chunj
└── projects
    └── bmp
        └── workspace
```

Later in the course, you will expand the workspace directory to include subdirectories for various database systems. The final structure will look like this:

```
workspace
├── mysql
│   ├── data
│   └── scratch
├── neo4j
│   ├── volume
│   └── scratch
├── mariadb
│   ├── data
│   └── scratch
├── mongodb
│   ├── data
│   └── scratch
├── redis
│   ├── data
│   └── scratch
└── postgreSQL
    ├── data
    └── scratch
```

Each database system will have its own data and scratch directories for storing data and temporary files, respectively.