Class Setup

Please perform the following setup **before** the start of Persistence and Analytics Fundamentals

Software Installation

Install the following software

1. MySQL - https://dev.mysql.com/downloads/mysql/ . Select your operating system from the drop down menu

   Windows users, there are 2 versions; the smaller download is the online install; the larger download is the offline install. For the online install, the installer will only download the MySQL binaries when you execute the installer.

   macOS users, select the correct architecture for your notebook (x86 or ARM)

   During the setup, select 'Developer Default' in the Setup Type window. You will be installing the following components

   - MySQL Server
   - MySQL Workbench
   - MySQL Shell

   See the following video

   Windows - https://www.youtube.com/watch?v=eq-e_n7lm2M

   macOS - https://www.youtube.com/watch?v=CBtBZgmP22M

2. MongoDB - https://www.mongodb.com/docs/manual/installation

   Select the 'Community Edition' for Windows and macOS and following the installation instructions.

3. Mongo tools

   - Mongosh - https://www.mongodb.com/docs/mongodb-shell/install/#std-label-mdb-shell-install

This is a command line tool. To install, select your operating system and follow the instructions.

- Studio 3T - https://studio3t.com/download

Studio 3T is the IDE that we will be using with MongoDB. The IDE consist of a paid mode. We will be using the free mode.

During Studio 3T installation, you will be asked if you would like to try Enterprise (paid) features. You can choose to opt in or out.

Online Accounts

Create the following accounts

MongoDB Atlas - https://www.mongodb.com/atlas/database