Installation Guide

Install the application

1. Follow the directions from [this site](https://www.sqlitetutorial.net/download-install-sqlite/) to download SQLite Tools and the SQLite GUI, SQLiteStudio.
   1. The SQLite GUI, SQLiteStudio, is not necessary, but it makes it easier to see backend data for the module.
2. If not already installed, install the latest version of Python on your machine.
   1. Python download instructions can be found [here](https://wiki.python.org/moin/BeginnersGuide/Download).
   2. Make sure to add the python.exe file path the PATH environmental variables.
3. Download the TrackModel file from the GitHub repository; it does not matter where it is saved on your machine.

Run the application

1. To run the application:
   1. Open a new Windows PowerShell window.
   2. Using the cd command, navigate to the TrackModel folder.
   3. Once inside the folder, type the following command and hit enter:

python app\_script.py

* 1. The TrackModel GUI should open on the screen.

1. To import a new TrackModel data file:
   1. Navigate to the third tab labeled Track Info.
   2. Click the top button labeled Import Track Model.
   3. Select the .xlsx file to import.
   4. Click open.
      1. The tabs labeled Red Line and Green Line will automatically populate if the new TrackModel data file is imported correctly.
2. To get information of a specific block:
   1. Navigate to the Home tab.
   2. At the bottom right, select either the red or green line from the dropdown menu.
   3. Select the block number.
   4. Click Get Block Info.
      1. The table above will automatically populate with the related information to that line/block combination.