

# OddsChecker Scraper

# Documentation

## Installation

Script has been created in python 3.9.5 but you can install any python3 version 3.4+. If you don't have python3 installed, you can download and install a new one from this link:

<https://www.python.org/downloads/windows/>.

During installation, there will be an option for adding python to path, you should have to select that option.

After installing python, you need to install its libraries used in the script.

For your ease, I have created a batch file named as **install\_libraries.bat**. You just have to double click on it to install all the required libraries at once. This will work only for Windows.

**OR**

If you have any other OS (You can also use this for Windows), then go to project **path Oddschecker Scraper\oddschecker\_scraper**. There you will see a text file named as **requirements.txt**. All the required libraries are located inside it.

Open a command prompt terminal inside this directory where that file resides and then execute the command:

**pip install -r requirements.txt**

This will install all the required libraries at once.

## Running the script

To run the script, I have created a batch file for windows named as “**run\_script.bat**”. You will find it on the path

**Oddschecker Scraper\oddschecker\_scraper\oddschecker\_scraper.**

You just need to double click on it to run the script. (This batch file will work only on Windows)

### **Alternative way to run the script:**

If batch file not working or you have another operating system not windows (This will also work on windows), then open the command prompt inside this directory:

**Oddschecker Scraper\oddschecker\_scraper\oddschecker\_scraper**

Then execute the below command:

**scrapy crawl oddschecker**

## Project Structure Explanation

When you unzip the delivered project folder, then please go to this path in that project **Oddschecker Scraper\oddschecker\_scraper\oddschecker\_scraper**

**This is the working directory.** Means you will have to open this directory in the terminal in order to run the script through command line.

Here, you will see three folders of concern.

### **1. input:**

This folder/directory has a text input file named as **Link.txt**. You have to place the link that you want to get the data from. If you want to get the data from another link, just change this link. You can provide any link that has the same structure odds data but this link should belong to the same website.

### **2. output:**

This folder will keep the output data. An Output **csv** file will be generated here along with current date and time.

### **3. spiders:**

This folder has the coding file.

The code is written inside the file ‘**oddschecker.py**’.

When you run the script, it will open a **Chrome Browser Window** to open the search link. So Chrome browser should also be installed on your system. That Window will be closed automatically.

If you have any issues during installation or script running, just let me know. I can help you remotely through team viewer.

Best Regards

Shah