1. **Objective;**

Populate Tables;

holiday\_calendar

working\_days

working\_days\_copy

1. **URL;**

<https://www.tipranks.com/api/calendars/holidays/?break=1647721939743>

1. **Response**

Response.json attached.

1. **Steps**
   1. Upsert (Update in case row available, else insert) **holiday\_calendar** Table using “us” record

Fields to Columns correspondence;

date (parsing first (left) 10 characters) 🡪 holiday\_date

name 🡪 description

partialDay 🡪 partial\_day

* 1. Populate **working\_days\_copy and working\_days** Table for the Max year available in the date fields in response above (currently 2022).

**Logic;**

Step 1; Read Control.csv

Step 2; Delete All rows from the Table working\_days\_copy

Step 3; Get all dates between start of the year and end of the year for the year specfied in the response for "us" in the Table working\_days\_copy (2022)

{

"us": {

"2022": [

(Bunch of ways to do it; https://www.codegrepper.com/code-examples/python/get+all+dates+between+two+dates+python)

Step 4; Remove weekdays for the values for the variables (WKND\_1 & WKND\_2; Currently, Sunday & Saturday) in Control.csv and Holidays in the holiday\_calendar (only where partial\_day = false)

Step 5; Insert the resulting series of dates into working\_days\_copy. Update partial\_day = true as per the holiday calendar and close\_time as per the value of variable PRT\_CLS in Control.csv

Step 6; Delete all rows related to the year derived in step 3 in the Table working\_days.

Step 7; Insert all the rows from the Table working\_days\_copy into the Table working\_days.