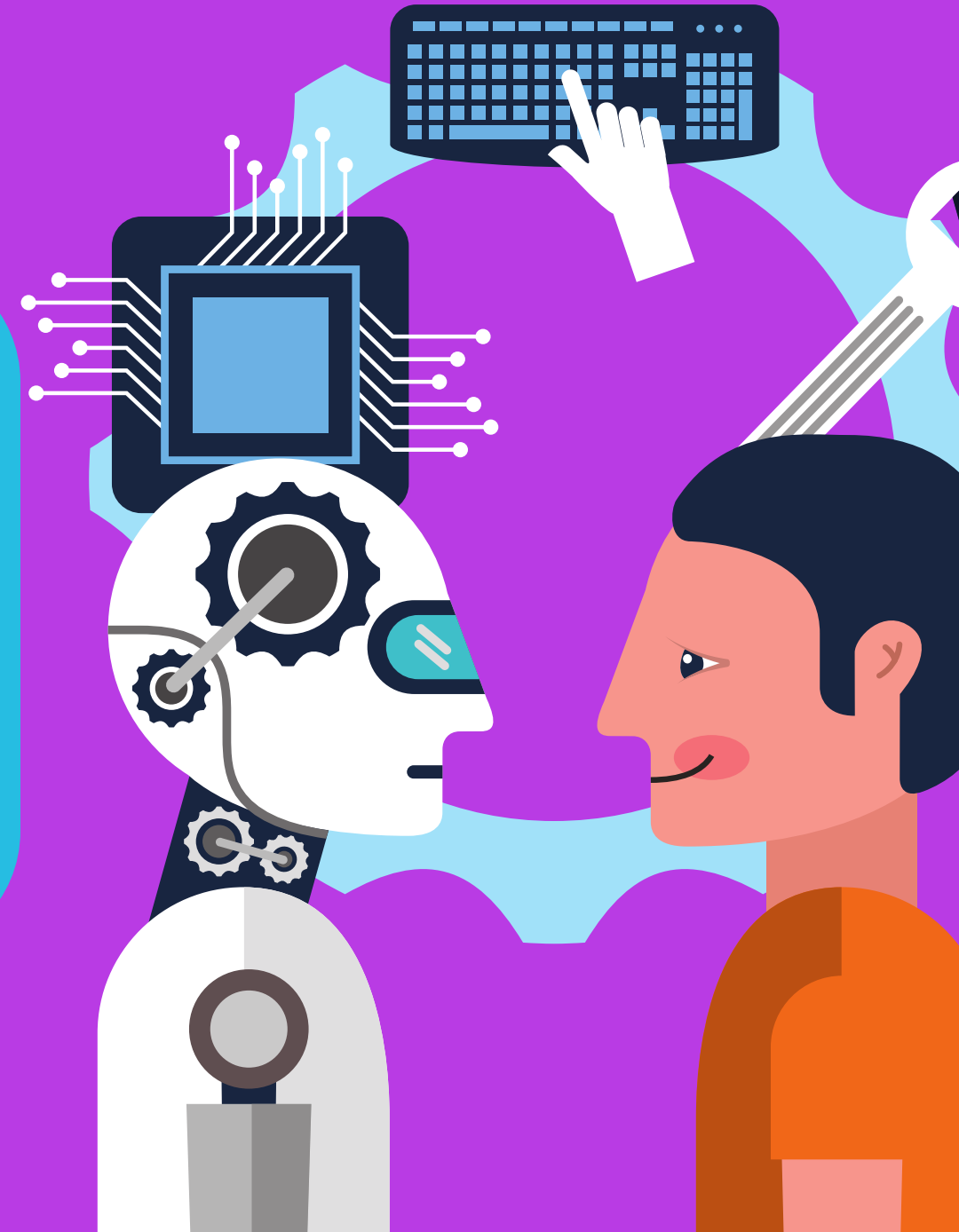
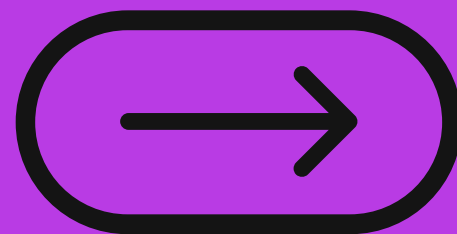


# TPG Automation

Production and Implementation





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# Introduction

Automation is becoming extremely imperative in today's time for countless reasons. In this case, it is reducing the time that is spent on repetitive tasks which in turn provides time for other necessary tasks. Additionally, automating business can be less susceptible to errors and more reliable.





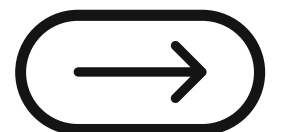
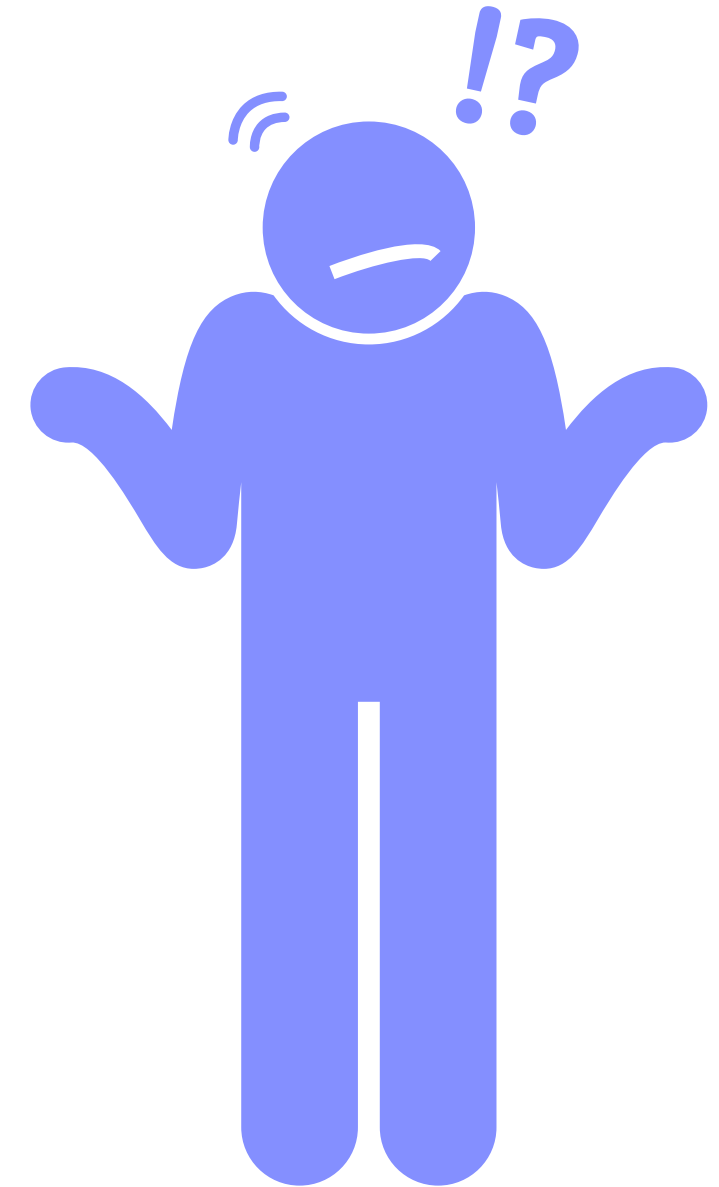
## What is It?

The purpose of this program is to update HubSpot tickets with the ticket IDs, serial numbers, and tracking numbers that are given by TPG.

TPGOrder	Ship Date	Product	Quantity	Condition	Serial Number	Tracking	Customer	Order Number	Merchant

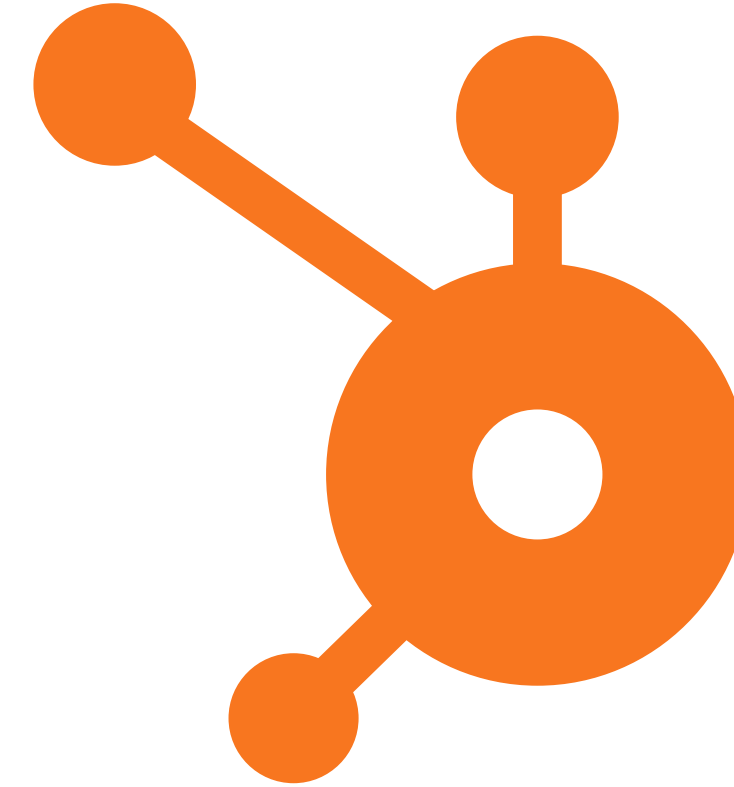
## How Does it Work?

TPG sends out a file at the end of everyday that contains the products bought by the merchant along with the corresponding information (quantity, price, TPGOrder, etc.). This Excel file gets taken in and parsed by the program; each entry in the sheet gets turned into its own object.



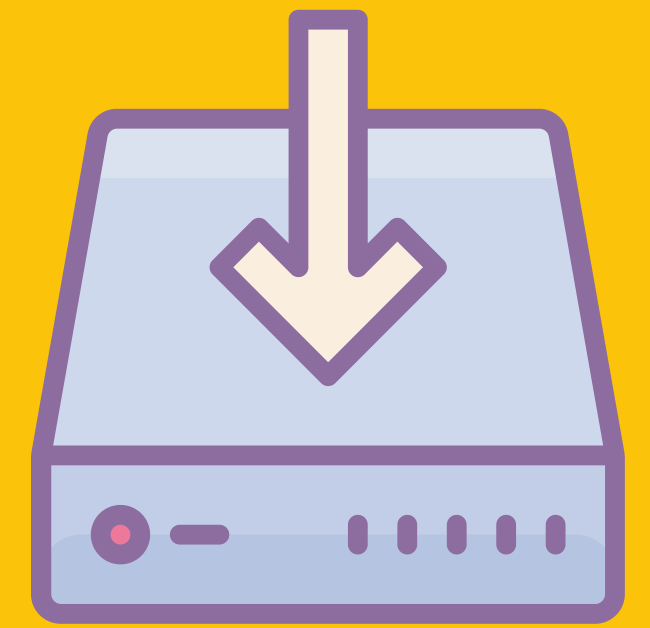


The rows then get filtered so that we are left with the ones that do contain an "Order Number." Next, we create an array with the unique order numbers and use this array to separate each order number with its respective tracking and serial numbers.



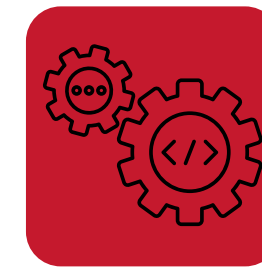
After this is complete, the program interacts with the HubSpot API to obtain and update the ticket IDs, serial numbers, and tracking numbers with the ones were originally provided by TPG.

# How to Install the Application



1

Download the "opscli-v0.0.0.pkg" package



2

Follow the steps given by the installer until complete

# How to Run the Application

Open the "Terminal" application on your MacBook



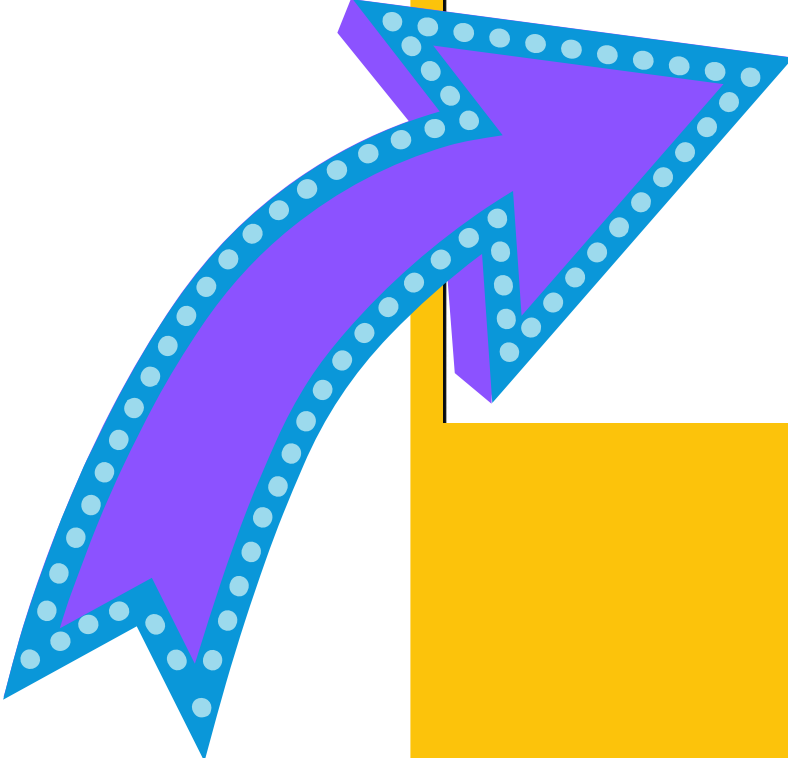
Type in "opscli" and ensure the help menu shows up with the version, usage, and commands



To update the ticket in HubSpot, type in "opscli" followed by the "tpg-import" command. Then, input the path to the file

**EXAMPLE:**

```
opscli tpg-import -f /Users/johndoe/Desktop/"filename.xlsx"
```



```
naziapabani@NP-ST-C02XV1CRJHCC ~ % opscli
A CLI for the Ops team to use to automate various tasks

VERSION
opscli/0.0.0 darwin-x64 node-v14.17.0

USAGE
$ opscli [COMMAND]

COMMANDS
help          display help for opscli
tpg-import    Imports information from TPG into Hubspot.

naziapabani@NP-ST-C02XV1CRJHCC ~ % opscli tpg-import -f /Users/naziapabani/Desktop/"test.xlsx"
[
  {
    orderID: '450912261',
    tracking: [ '280671223226', '300000' ],
    serialNumber: [ 'CHB226041001860', 'GFGHBG870589658' ]
  }
]
450912261 CHB226041001860, GFGHBG870589658 280671223226, 300000
naziapabani@NP-ST-C02XV1CRJHCC ~ %
```



# What I Gained from this Internship

Thank you so much for this remarkable opportunity and the unmatched experience I obtained. I am extremely grateful to have been apart of the #StaxPack.

## Applicable Knowledge

I have definitely learned more than I have in college in regards to Computer Science. Everything I've learned can be taken with me and applied at school and beyond. I've been introduced to Javascript, APIs, npm, lodash, oclif, etc.

## Exposure to a Workplace Environment

Since I have never had an office job, this experience was new to me. I got to see how each department interacts with another. Additionally, I have met incredible people while in-office and learned a bit from each of them.

## Opportunities for Personal Development

This internship has helped me establish and build upon several skills such as communication, time-management, problem solving, adaptability, and much more. Also, Chris provided me with a space to observe, make mistakes, and ask questions which has benefitted me a great deal.