INSTRUCTIONS

**For Static (steps in chronological order)**

1. ***“avro\_to\_csv.py”***  converts avro (.avsc) file to a csv file containing all the raw data . It uses **\*\**splunk-enterprise local version so make sure to edit and add your credentials****.***\*\***
2. ***“flatten\_csv.py”*** takes input from the step 1 ,i.e. raw data csv and process it and flattens it . It also asks for version so please specify and also if you want version to be “3.0” then enter capital o not zero like “3.O” not “3.0” and save it with appropriate name
3. (optional) if you want to compare and merge two different versions then get 2 different flattened file from step 2 and feed them to “***compare\_And\_merge.py”*** to get a csv containing joint data of the two versions
4. ***“Smartsheet.py”***it converts csv from step 2 or step 3 into a csv file that is google doc / smartsheet compatible and easily understandable and this file is fed to **web-app** to generate the webpage with different color scheme and other options
5. To generate static html page use **“makehtml.py”** and feed the relevant database to it **(it should be obtained from step 4)**

**\*\* Splunk-enterprise has limit of reading 10,000 bits by default and rest are truncated so to use the script follow these steps to avoid truncation :**

1. **Go to Splunk > etc > system > local > props.conf**
2. **Set TRUNCATE=0**
3. **Restart Splunk . In Splunk Web, go to Settings > Server controls**
4. **Select "Restart Splunk"**

**\*\* If using splunk cloud or splunk enterprise web UI then convert your .avsc file into splunk readable json file using *tojson.py* and then add it to the splunk and then perform the following search**

host="your host name"| stats values as \* by name

**and the export the results into csv file.**

Read Instructions for splunk for more detailed information