

# 911 program structure

Thursday, July 16, 2020

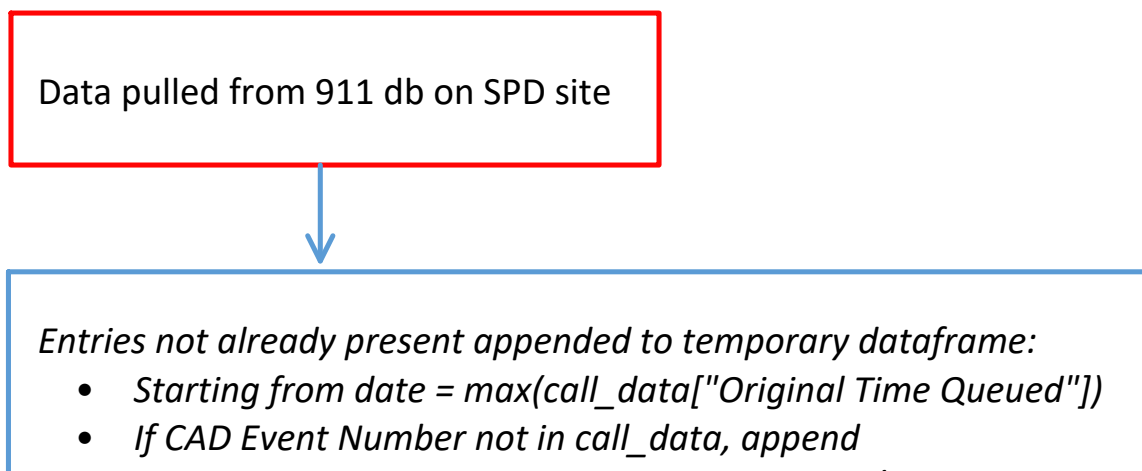
11:10 AM

## Improvements to implement:

- Raise an error when the date + window combination goes outside the current limits of the dataframe
- Parse call types into fewer categories for manual binning into a few types
- Ability to pull new data from SPD and add to dataframe

## Structure diagram:

*Not done yet; **Next item to work on***



the

*Maybe do a little research to see if this is reasonable/reasonably fast*

Temporary dataframe cleaned and appended to call\_data:

1. "Original Time Queued" to date()
2. "Call Source" added
3. "Event Clearance Description", "Initial Call Type", and "Final Call Type" automatically binned
4. Cleaned temporary dataframe appended to call\_data

timeConvers

callSource(x)

*User inputs date + location*

Validation: date within range  
*event\_date set*

*Raise  
Value Error;  
terminate*

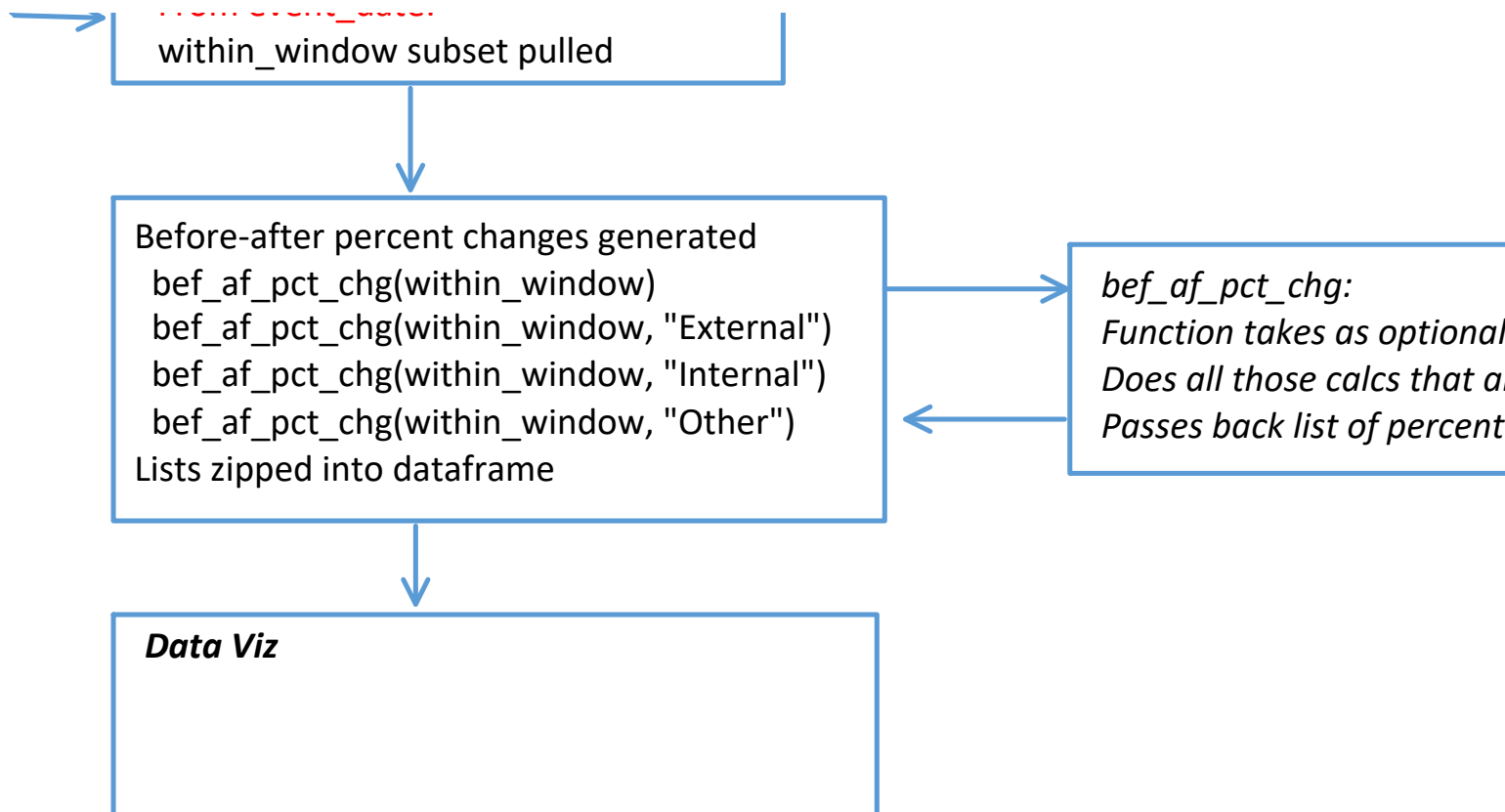
Validation: location in geo\_lists

*User confirms location parsed correctly:  
Location\_type set to correct list  
event\_location set to correct entry*

*From event date:*

ion(x)





*arg "Call Source" type  
are currently 4 separate cells  
changes*