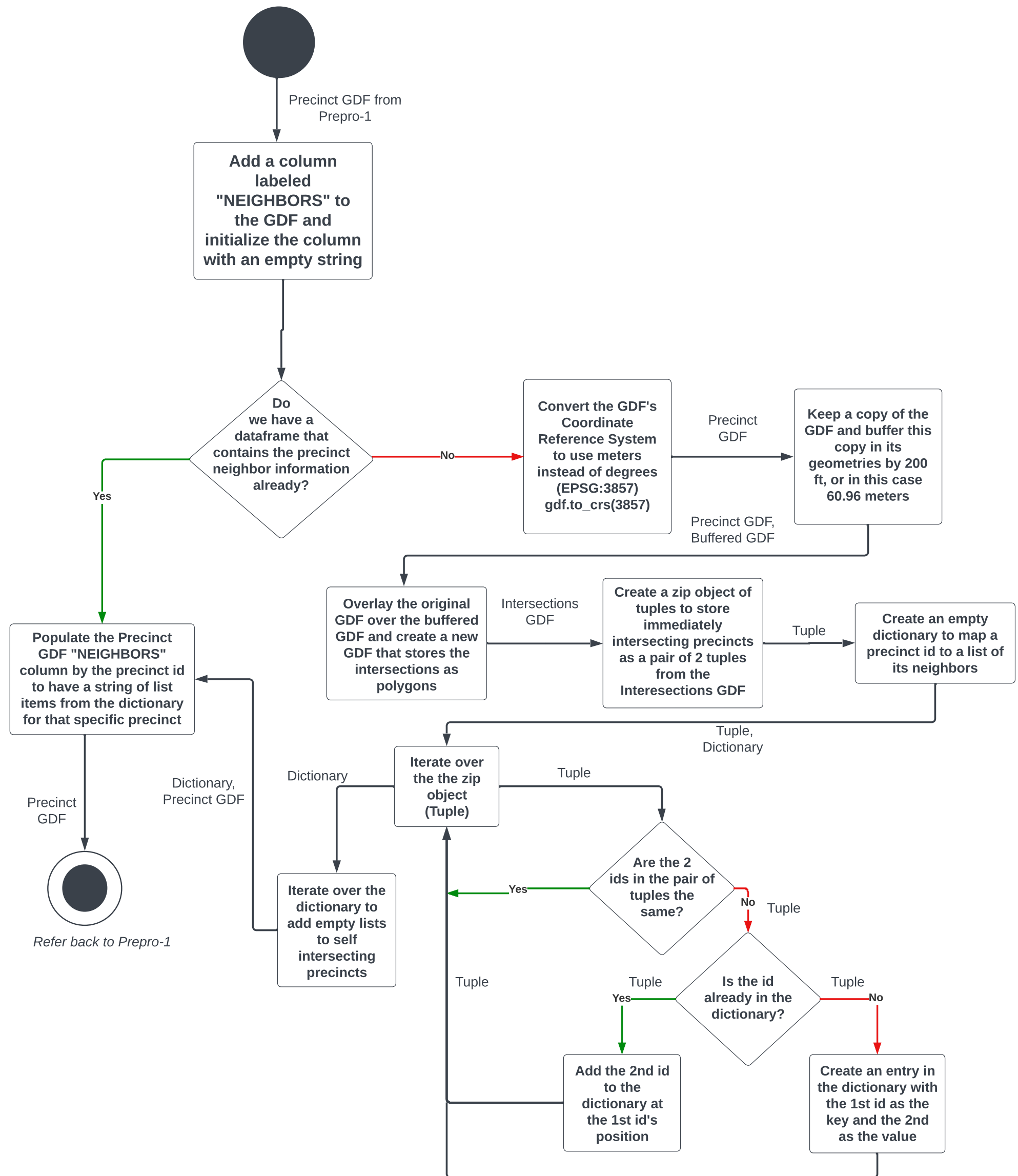


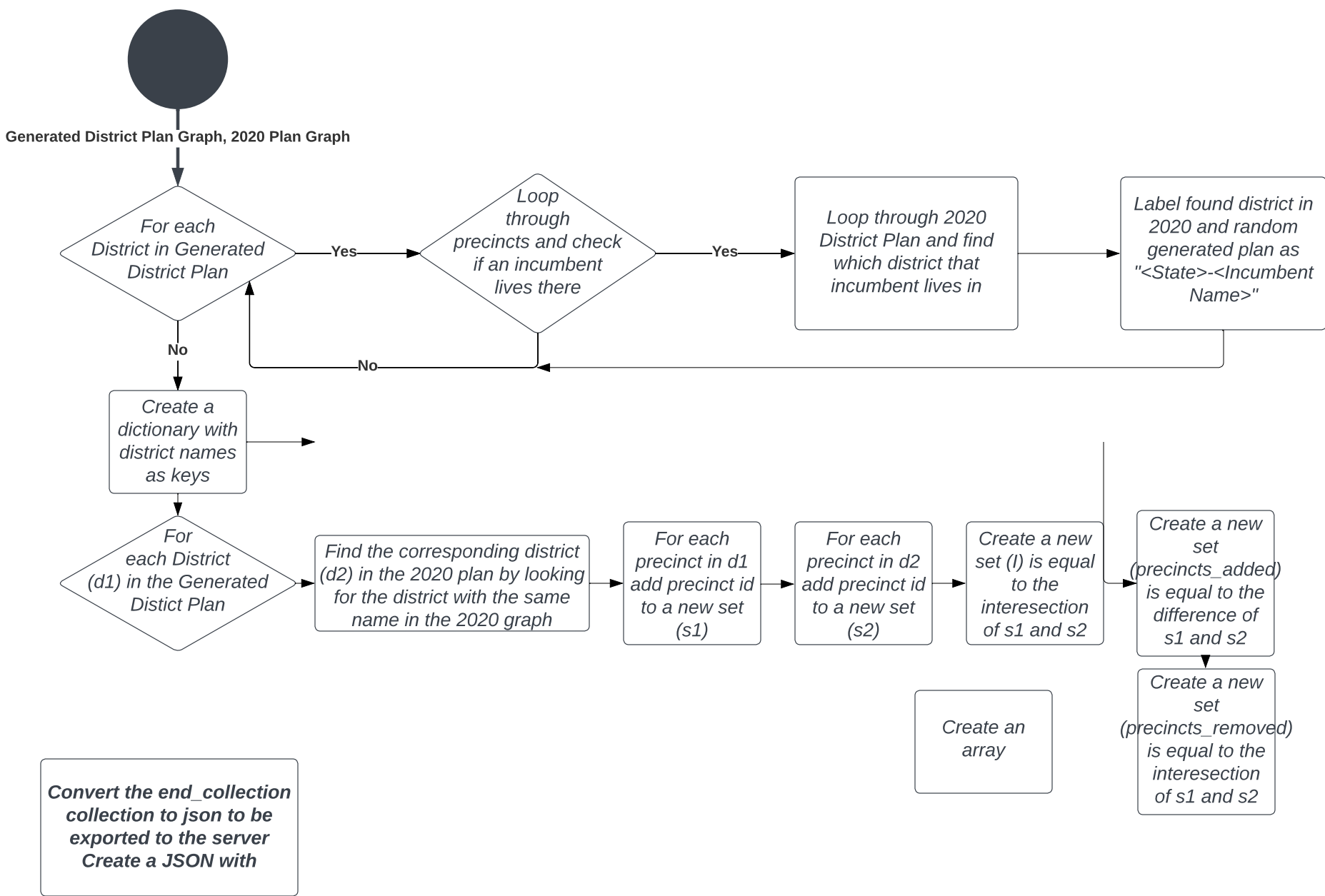
Prepro-2: Identify precinct neighbors Built by: Pirates

1. Label Data flows.
2. Figure out Incumbent/Election data 3. Maybe just do preprocessing as a whole graph instead of breaking it up as cases



Seawulf-4: Calculate district correspondence between random plan and 2020 plan

Built by: Pirates

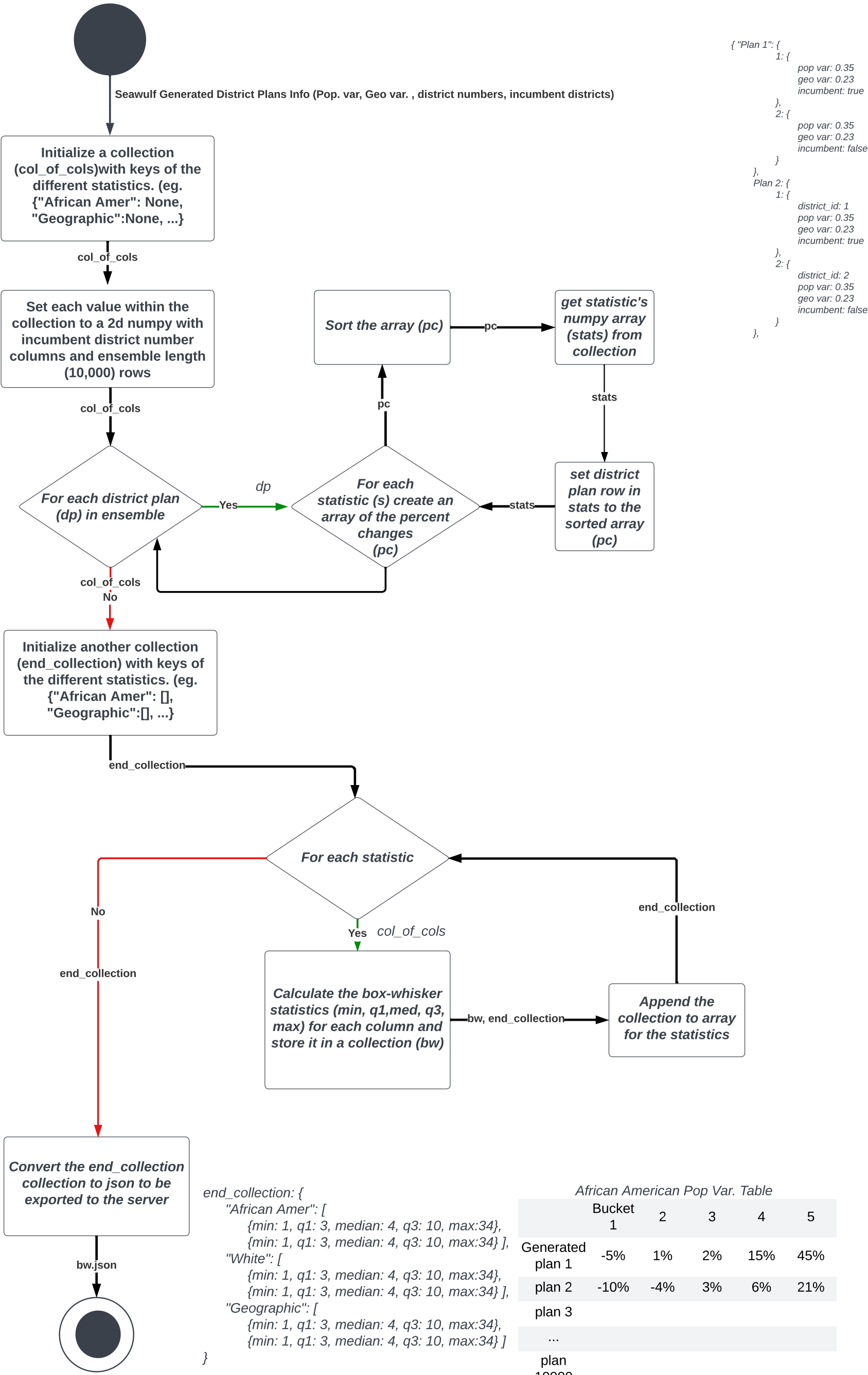


For each Congressional district boundary being considered (e.g., 2022 enacted plan and SeaWulf generated random plans) calculate the geometric area of 1) regions added to the district, 2) regions removed from the district, and 3) region common to both the 2020 district plan and the random or enacted plan being analyzed.

Read in generated plan graph and 2020 plan graph, create a collections with district names as the keys. Go through the generated graph. For each district create two arrays look at each precinct, if precinct is in 2020 plan, put in 1st array, if not in 2nd array. Now look 2020 plan, if precinct in 1st array

Seawulf-16: Calculate box & whisker data

Built by: Pirates



There are n columns for the n districts in the state
Go through the generated district plans and sort the districts based on a factor: change in race, etc in increasing order
put the statistic into the corresponding bucket, so bucket 1 has the district with lowest statistics
Make a boxes and whisker with the df