

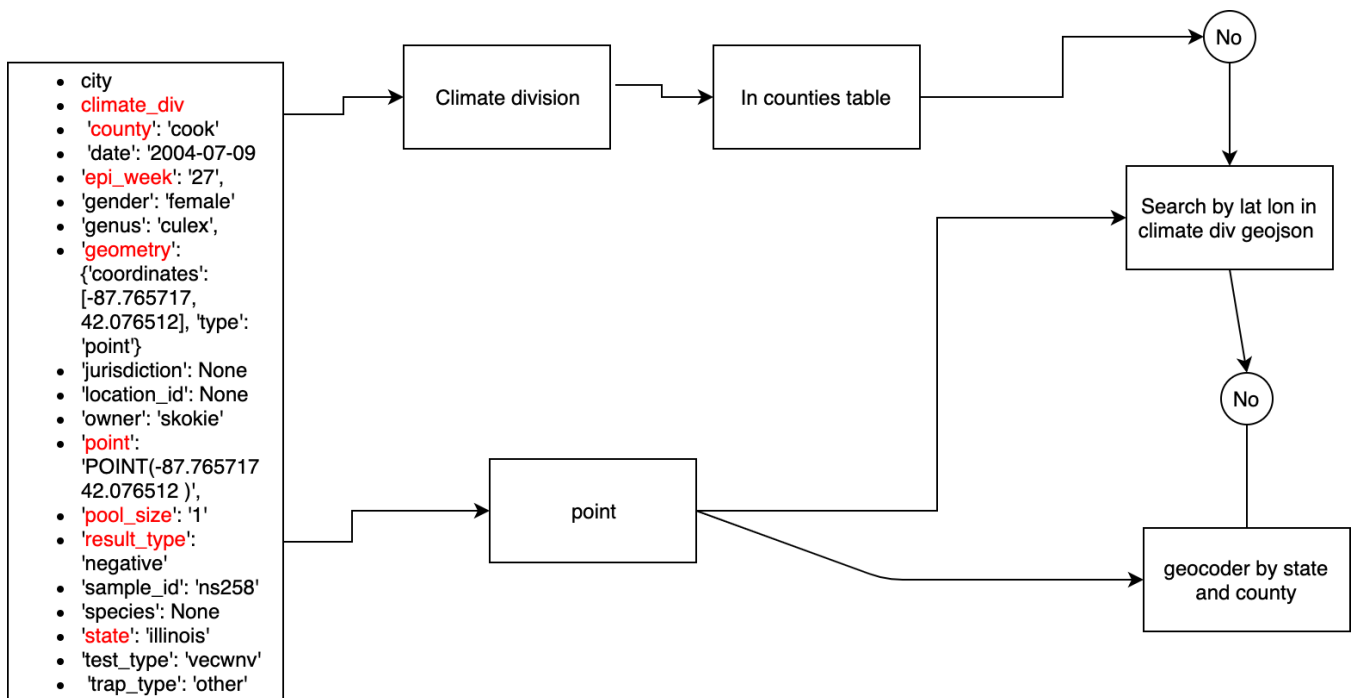
Database

No guarantee that everything is updated

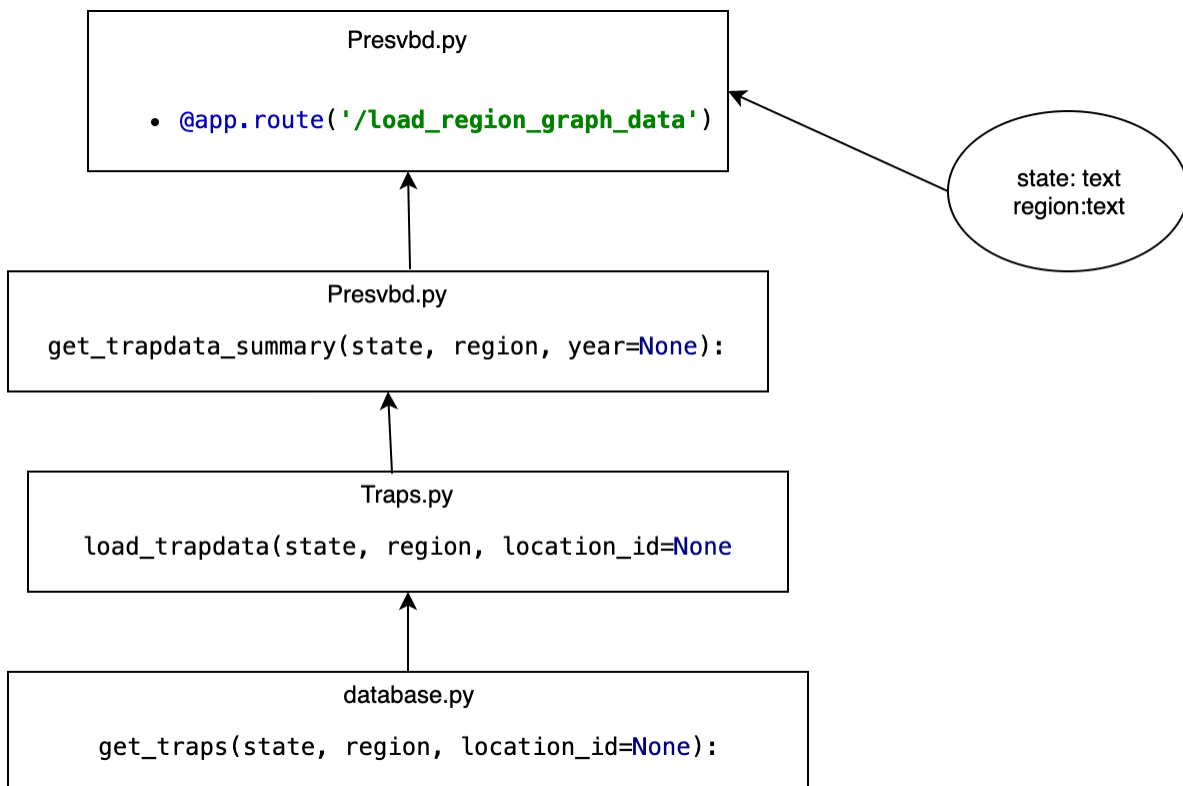
Tables	Columns	Data Details	External Dependencies	Notes
climate_divs	state region_name id polygon		- Download from https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.html - convert to geojson with qgis  VB D- 29 - Jira proj ect doe sn't exis t or you don' t hav e per mis sion to vie w it.	Can this be automated?
counties	state county climate_div polygon		https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.html	Can this be automated?
epi_week	date epi_year epi_week		python lib	

daylight_hours	state region_name id epi_week daylight_hours		api	Do daylight hours need to be calculated by county or is climate division adequate?															
forecast	state climate_div download_date forecast_date min_temp_f max_temp_f precip_in		api																
weather	state climate_div county measurement_date min_temp_f max_temp_f precip_in		api	http://data.rcc-acis.org/GridData returns entry for 'today' and future days, but the dictionary is empty (data for a day is a list with date 1st and dictionary of locations 2nd.															
traps	state climate_div county date gender city epi_week jurisdiction location_id owner pool_size result_type sample_id species test_type trap_type geometry_method geometry	Scenarios for assigning climate div and county to trap <table><tr><th>both in raw data</th><th>climate div in raw data</th><th>county in raw data</th><th>Use late long and check in regions</th><th>Geocode lookup</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	both in raw data	climate div in raw data	county in raw data	Use late long and check in regions	Geocode lookup											multiple agencies	
both in raw data	climate div in raw data	county in raw data	Use late long and check in regions	Geocode lookup															
spatial_ref_sys																			

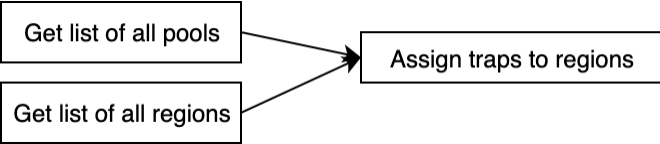
Help with understanding input dependencies



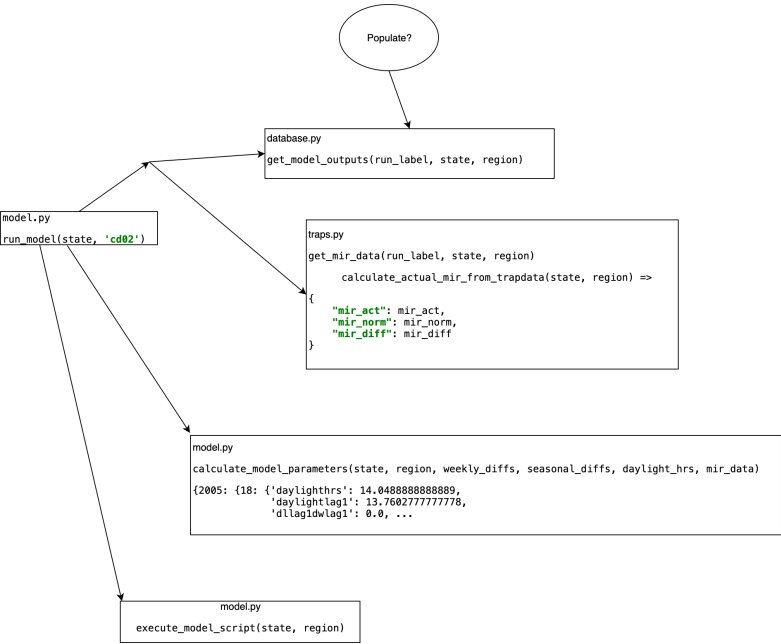
Creating a trap summary table in application



Loading trap summary into database



Run Model



Load Map

map.html

```
$.getJSON("load_region_graph_data?state="+state+"&region="+region, function(result) {  
  mir_data = result["mir"];  
  trap_data = result["traps"];
```

presvbd.py

```
get_trapdata_summary(state, region) (working)  
get_mir_summary(state, region)
```

model.py

```
load_model_output(state, region)
```

database.py

```
get_combined_model_output(run_label, state, region)  
  
• params = get_model_parameters(run_label, state, region)  
  coeffs = get_model_coefficients(run_label, state, region)  
  output = get_model_outputs(run_label, state, region)
```