

# Clarity

## Workaround: Saving outputs

P4

```
for i in range(len(interp_server_ble_lat_arr)):
    print(i)
    lat = interp_server_ble_lat_arr[i]
    lon = interp_server_ble_lon_arr[i]
    filtered_df = pop_df.loc[(pop_df["latitude"] > lat,
                                (pop_df["longitude"] > lon)]
    print(len(filtered_df))

# for j in range(len(filtered_df)):
#     h3_hex = filtered_df.iloc[j]['geometry']
#     print(h3_hex)
#     print(Point(lon, lat))
```

A **tension** between grouping related code (**clarity**) and breaking apart a cell to inspect inside it (**debuggability**)

## Design Opportunity:

# Live programming visualizations that work inside loops and functions

# Results

Additional  
Findings

Use of AI