Clarity

Workaround: Saving outputs

P4

```python
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))
```

```
0
5
1
2
```

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

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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

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