

Hi there!

I have an update for you regarding the new client that I was assigned last Friday, 7/14/23. I was able to connect to their database containing several tables related to membership and zip code data, which I performed some data cleaning on to produce a merged and cleaned dataset. There wasn't much trouble there, just some minor data collection inconsistencies that were easily fixed. More detailed information is available in the [Jupyter notebook file](#) if any parties are interested.

As mentioned before, I was able to produce the table called 'std_member_info' (included in the updated interview.db file), which was one of the requested deliverables. Also, you'll find the requested outputs below:

How many distinct members are eligible in April 2022?

There are 99807 distinct members eligible in April 2022.

How many members were included more than once?

There were 10845 members included more than once.

What is the breakdown of members by payer?

There were two payers: Madv and Mdcd. Madv has 37352 members, with an average age of about 50 years. Mdcd has 62455 members, also with an average age of about 50 years.

How many members live in a zip code with a food_access_score lower than 2?

There are 7685 members as described above. I can help generate more specific information on those members if needed.

What is the average social isolation score for the members?

The average social isolation score for the members described above is 2.98, compared to an average of 3.07 across the whole dataset.

Which members live in the zip code with the highest algorex_sdoh_composite_score?

Here is a list of members that live in the zip code described above (95950):

Members: 15340102, 15346807, 15348534, 15355184, 15359217, 15363143, 15370952, 15375855, 15377622, 15377751, 15383576, 15387928, 15389381, 15389759, 15403845, 15404143, 15414827, 15447186, 15456488, 15456560, 15459547, 15460500, 15462579, 15468254, 15469273, 15476293, 15482255, 15484118, 15484216, 15486908, 15487938, 15489640, 15493624, 15495072, 15499581, 15502702, 15506131, 15514403, 15516212, 15525968, 15531858, 15532243, 15534578, 15537550, 15539805

Please don't hesitate to reach out if the client needs any more information. Have a good one!

Best,

William Burke