Ontario Marginal Index Project

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To:Qibo Wang <qibo.wang@mail.utoronto.ca>;

📎 7 attachments (13 MB)

ON-Marg_user_guide_1.0_FINAL_MAY2012.pdf; OMI to PCODE documentation.docx; omi2006_pcode3_s2.csv; omi2006_pcode3_s4.csv; OMI_PCODE_combined.xlsx; omi2006_pcode3_sX.txt; OMI_Pts.xls;

Hi Kenny,
Our data analyses utilizes something called the Ontario Marginal Index associated to all of our patients. I have attached a few documents here on this theme to introduce you to the topic. I'd like you to read through the attached documents to understand the concept as well as what we did to obtain this data. You should be able to get alot more information on this topic by researching it.

Firstly, I'd like you to perform a secondary verification of the steps which we undertook to put together this data from the sources outlined in the documentation attached. Once completed, I am aware that our data used was from Ontario's 2006 census, but I have received information that a more recent dataset is available - 2016 I believe. Please research this and evaluate our options for updating our data to this more recent version.

I have also attached a file OMI_Pts - which is the actual OMI data for our patients. I'd cleaned out any specific patient identifying data, but left you with the important fields that you need for this project. I'd like you to put together some visualizations for this. In my mind, I'm thinking of a population density graph for Ontario, somehow showing where our patients are located and the necessary break downs based on the OMI, but I leave the creativity to you on this. I want to see some graphics that is associated with our data for this Ontario Marginal Index.

For timeline, I'm assuming it might take ya a few days for research to understand what OMI is and locate an updated dataset. I assume there will be questions after that, so we can set up a meeting to discuss, if needed, Maybe a few days there after to design necessary scripts to clean that data to be used for our patients. And finally testing on your end to ensure accuracy of the data etc.
By around May 17th, I'm looking to obtain a cleaned OMI dataset (OMI_PCODE_Combined.xlsx) from you which I will merge to our patients in STATA to define these classifications.

Please let me know if anything is unclear and I can provide more details.

Thanks,
Nathaniel Edwards
Data Scientist

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