9/6/2017

Assignment for EPH team to learn and explore MarketScan data (main objective).

* Form groups of two’s or threes and let me know once all the groups are formed (not everyone is participating per my understanding)
* You will have 4 weeks to complete and present your findings to the rest of the team

I believe everyone has access to NIKE server that has MarketScan data

The guidelines for assignment is as follows:

* Using database on Nike Server, extract data for a specific client- for years 2014 and possibly 2013. If MarketScan has clean and complete data for 2015, then use that. Use the latest complete information you have.
* Make sure the number of records available for this client is not too large (for example 1 Million will be very large, 100K is reasonable, 50 K is good)
* Calculate summary using various breakdowns of available data- for example-
  + what is the chronic disease burden in that client population ( CHF- x%; Diabetes-y%, Heart Disease- z%, Asthma- m% and COPD- n%)
  + what other diseases exist in the population?
  + what is the breakdown by gender, by geographic location, by age and disease etc?
  + Financial information (spend) on Chronic versus all other
* Once above steps are done, extract data for other clients(about 3 to 4)
* Compare disease burdens
* Analyze what are the differences
* Analyze possibly why these differences exist
* Benchmarks within MarketScan data?
* What can we model out?

One of the other suggestions was to extract data by specific diseases and not by specific client. Go ahead and explore that avenue as well and document your method of data extraction.