Problem Set 4 Debrief

Your Wonderful and Hardworking TAs

November 6, 2024

Style

▶ Coding Style: Need to keep in mind code style principles such as docstrings for functions, informative name of variables, commenting steps in the code and being aware of lines of code being too long

Identify hospital closures in POS file

▶ There were various approaches students used for 3.1, if it was logical we gave full credit.

Calculate zip code s distance to the nearest hospital

▶ Many students missed some zip codes because they cut off their ranges too early (i.e. for z in range(870, 880) does not include those that start with 880, and zip <= 88900 does not include those that are 88901)

Effects of closures on access in Texas

▶ Range of acceptable answers varied considering ZIP codes identified in the previous question
   ▶ Points were deducted for myriad of coding errors that result in zero indirected affected ZIP Codes or a list with only the directed affected ZIPs

Reflecting on the exercise

▶ Make sure you carefully read the questions and answer it fully
  ▶ Some pairs lost points because they failed to answer one or more subquestions properly

▶ The purpose of the reflection is to develop your analytical/critical thinking skills
  ▶ Try to avoid using AI and take a few minutes to think for yourself potential issues with data analysis

    ▶ This will likely be a critical role that you will have in your future careers

▶ In terms of time management, a useful tip is to prioritize it to increase your grade since the question did not require coding