Health Services in Metropolitan Areas

Info about set

This kaggle dataset consists of info about Health services and its rating in 83 metropolitan areas. Info was taken from the U.S. Census Bureau agency.

About this file

The file has 16 variables. We will need only 9 on them:

- City Name of the metropolitan area
- RateMDs Number of physicians per 100,000 people
- NumHospitals Number of community hospitals
- RateBeds Number of hospital beds per 100,000 people
- NumMedicare Number of Medicare recipients in 2003
- PctChangeMedicare Percent change in Medicare recipients (2000 to 2003)
- MedicareRate Number of Medicare recipients per 100,000 people
- NumRetired Number of retired workers
- SSINum Number of Supplemental Security Income recipients in 2004
- City has a structure <”Name”, “AB”>. Where “AB” - U. S. State

To-Do:

You have to implement a list of Mandatory and Recommended features to be graded. You will create a QT application to work with a CSV file. You should make buttons to: Edit row, remove row, Add new row. Also it is recommended to make buttons for sorting a table by recipients/workers/beds/hospitals number either in increasing and decreasing order. An opportunity to filter by State (not by city) will be useful to compare different States.

Your app will be made with UI elements, which must adjust to screen size in real time.

Elements (diagram of different states)

The application should have a couple of windows with following blocks:

1. **Main window.**

- See info about particular row (may open new window)
- List of all rows (Table itself)
- See brief number of non-null cells for each column

- Button to Add new row (opens new window)
- Button to Remove row (with confirming)
- Button to Edit cell
- Button to cancel last acton
- Button “Help” (opens new window)
- Table scrolling bar
- Buttons for filtering and sorting by column values

2. Help window.

- Brief info about dataset
- Logo
- Author (may not)

3. Info about row.

- Data from each cell
- Opportunity to edit cell (may be in another window)