# Tutorial 3 Solutions :

**1)** Use the HMIS\_Tutorial\_Three.xlsx workbook from the Week 04 Module. Note: Add a column (attribute) in the workbook named Count and place the value of 1 in each row of Count.

Graphical user interface, text, application

Description automatically generated

2)

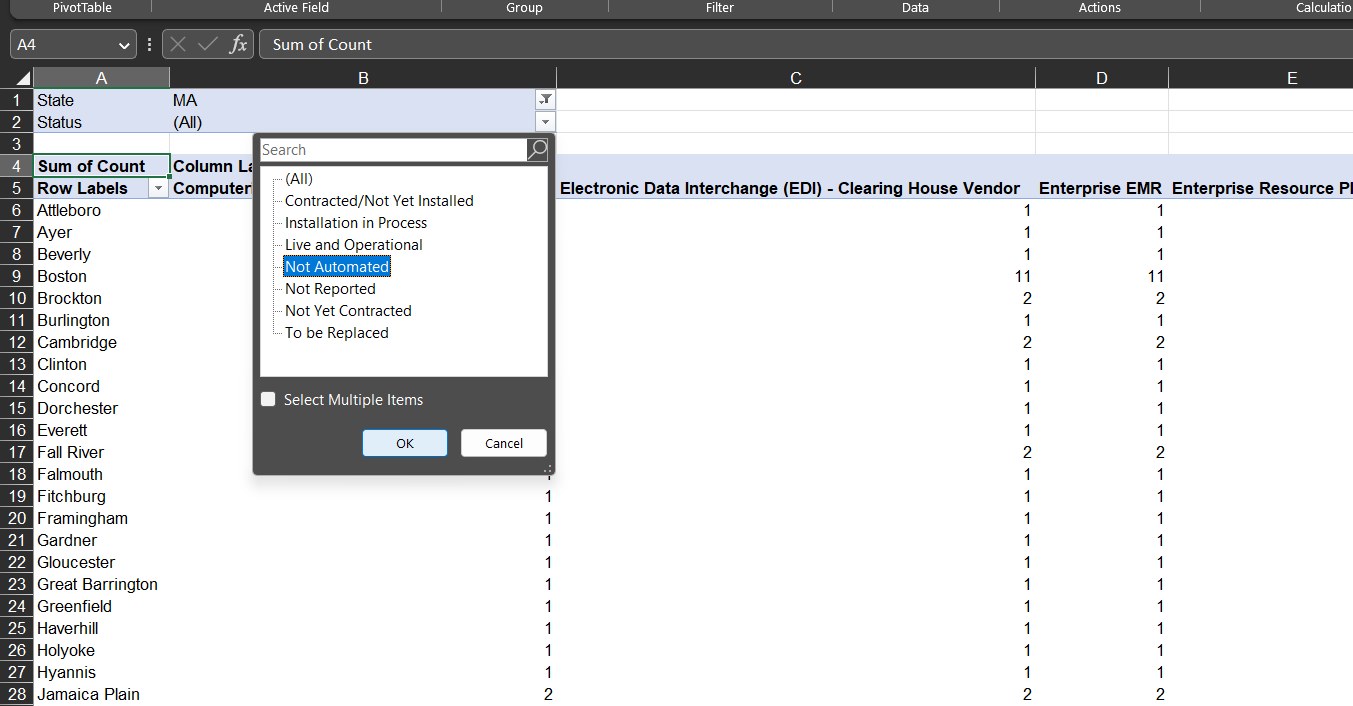
a.

List the count of HMIS applications by city for hospitals in Massachusetts (MA).

Graphical user interface, table

Description automatically generated

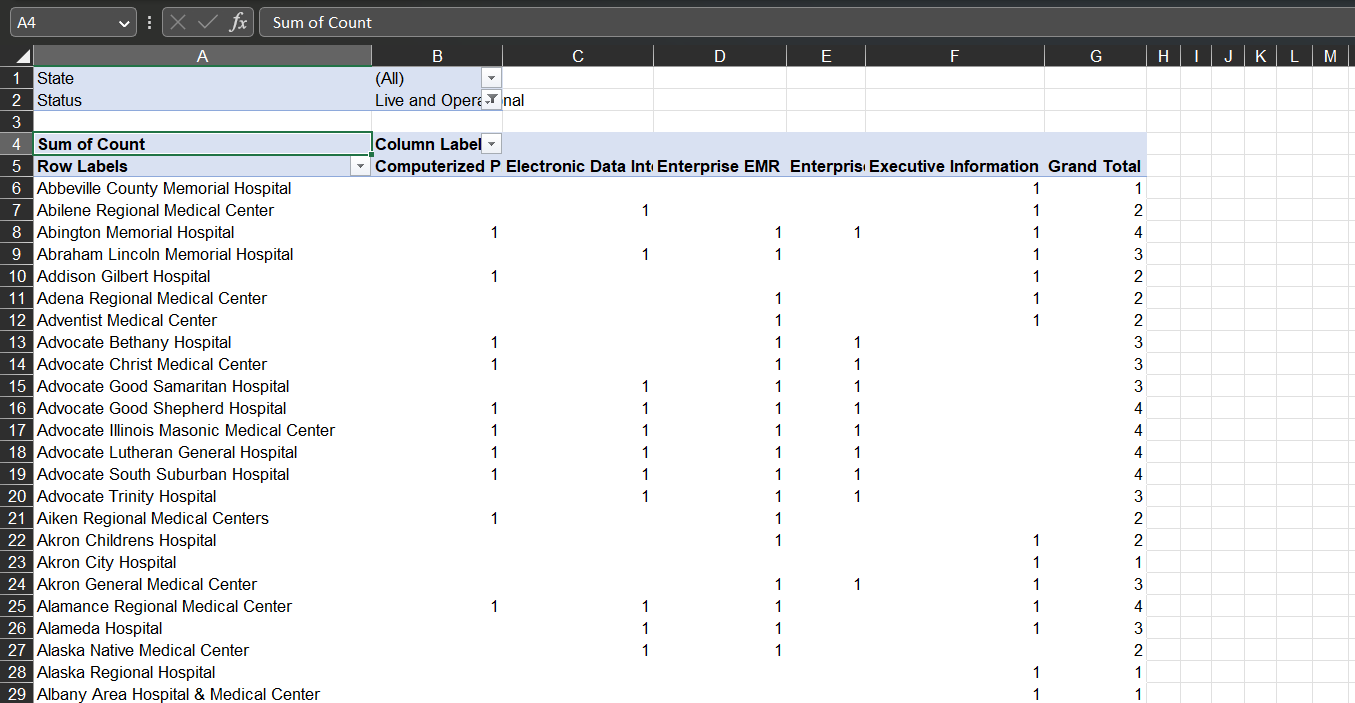
b. List the count of HMIS applications in hospitals by state for the application status ‘Not Automated.’



Graphical user interface, application, table, Excel

Description automatically generated

c. List the count of HMIS applications by hospital in Massachusetts for the application status ‘Live and Operational.’

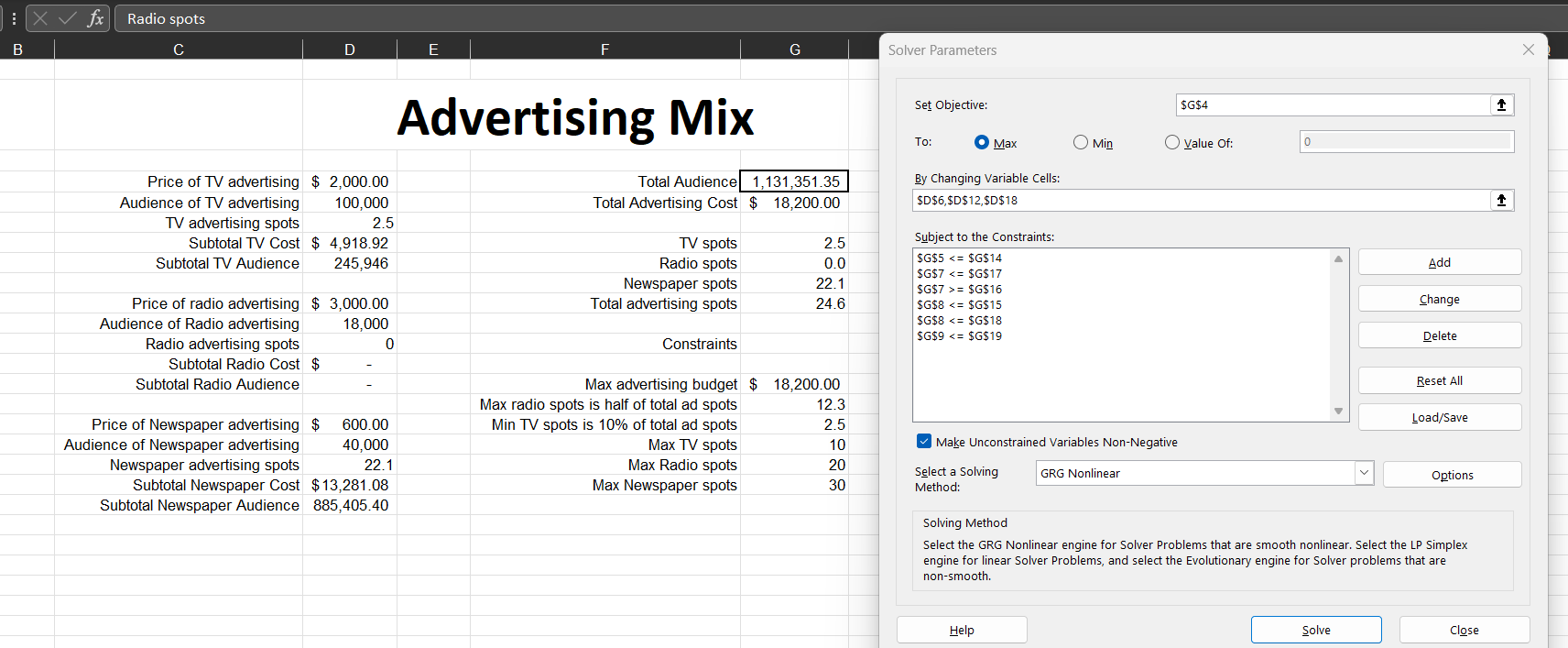


Solver : Pony Expresso

Graphical user interface, text, application

Description automatically generated

Advertising Mix scenario :



Bicycle Scenario :

Graphical user interface, application, table, Excel

Description automatically generated

Transportation :

