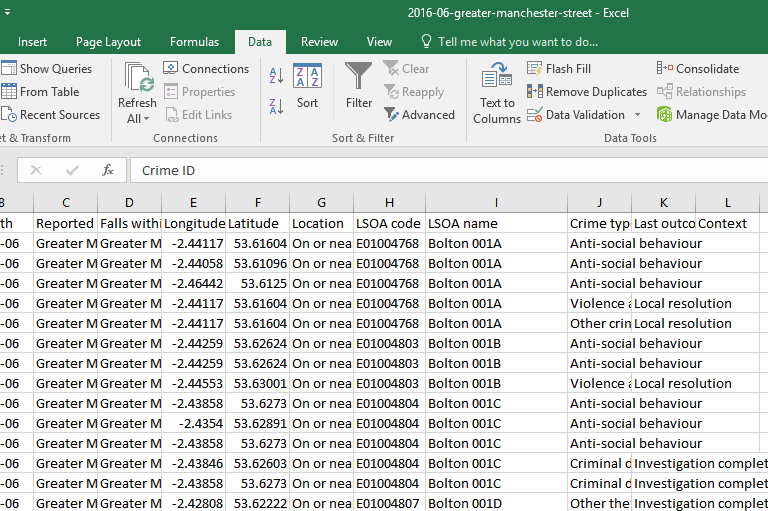
# **Addendum QGIS tutorial**

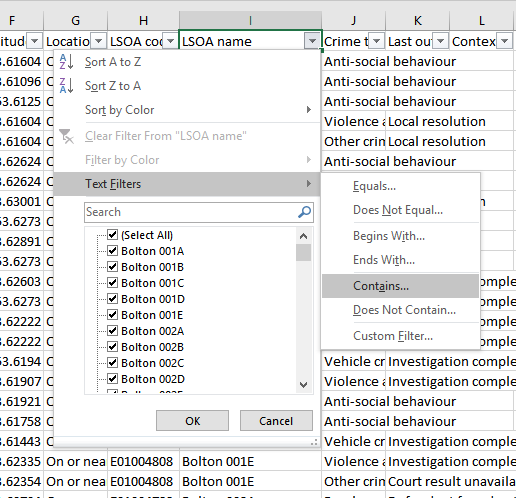
## **Before saving your map**

The map looks a bit clutter and as it is now, it does not help to understand the crime patterns. We can make some changes to the Manchester Police data in order to only select crimes cases for Manchester.

1. Open the police data in excel
2. Go to the “Data” tab
3. Click on “Filter”
4. Go to the “LSOA name” column



1. Click on the arrow on the right corner of the “LSOA column”
2. A new window will open, press “Text Filter” and then “Contain”



1. On the windows, write “Manchester”. This will select only those LSOA that contains the word “Manchester”.
2. Select and copy the filtered rows. In windows use: **Alt+;**

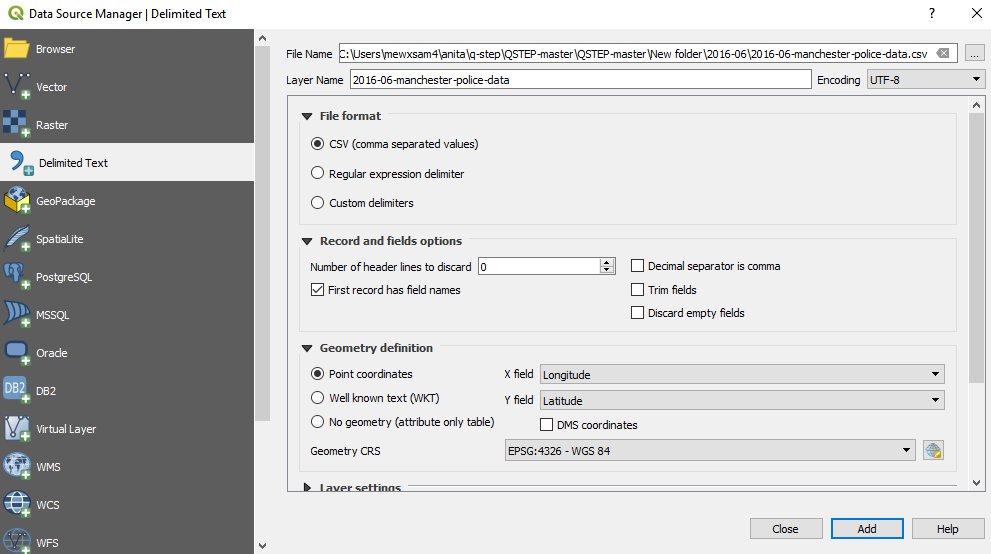
mac users: **Cmd+Shift+Z**

1. Paste the selection into a new excel file and save it as comma separated value (.csv)

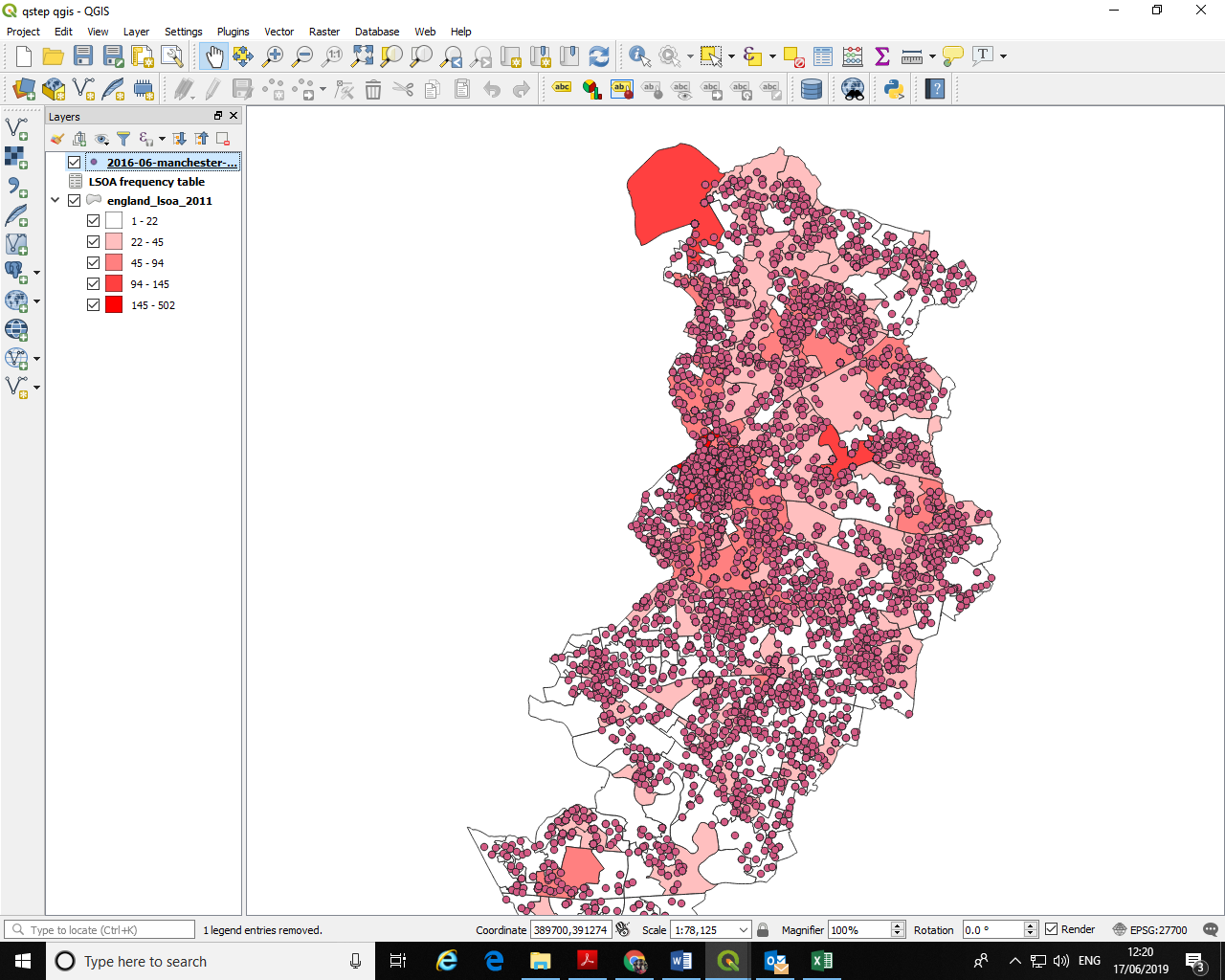
Make sure you know where the data is being saved.

Now repeat the “Read in spatial points” task, but this time, use the newly created dataset that include police data for Manchester only.

To do so, again click on the Add Delimited Text Layer button. This time navigate to the downloaded police data, and this time, click the “Point coordinates” option under “Geometry definition”. You can then select your X and Y coordinates. **X should be the column for longitude, and Y the column for latitude.**



Click on “add” and then close. The points are now added to our map, but now only those belonging to Manchester.



You can now, continue with “Saving your map” in the main tutorial guide.