**Introduction**  
"Hello everyone! In this tutorial, I’ll explain you how to download census tract boundaries for Canada. Let’s get started!"

**Step-by-Step Guide**  
"First, open your browser and search for *'Canada census boundary download'* on Google. Click on the first link that appears in the search results.

<https://www12.statcan.gc.ca/census-recensement/2021/geo/sip-pis/boundary-limites/index2021-eng.cfm?year=21>

Once the page loads, look for the section called 'Statistical boundaries.' Here, select *'Census Tract'* from the dropdown menu.

Next, find the 'Format' bar and choose *'Shapefile'* as the format. After that, click on *'Continue.'*

A download link will appear. Simply click on it to download the shapefile. The file will be downloaded as a zip file to your computer."

**Importing the File into QGIS**  
"Now let’s import the file into QGIS.

1. Open your QGIS application.
2. Go to the top menu and click on *'Layer,'* then hover over *'Add Layer'* and select *'Add Vector Layer.'*
3. In the dialog box that appears, click on *'Browse,'* navigate to the folder where you saved the zip file, and select it.
4. Finally, click *'Add.'*

Your census tract boundaries will now appear on the map in QGIS."

**Filtering for Toronto Census Tracts**  
"The shapefile covers census tracts for several cities and regions. To focus on Toronto:

1. Open the Query Builder for the layer by right-clicking on the layer and selecting *Filter.'*
2. In the 'Provider Specific Filter Expression' box, use this template:

DGUID in ('2021S05075350128.04', '2021S05075350363.06', ...)

1. Click *'Test'* to check your expression, and then click *'OK.'*

Only the census tracts for Toronto will now be selected."

**Exporting the Filtered Data as GeoJSON**  
"Now let’s export the filtered data:

1. Right-click on the layer and select *'Export,'* then *'Save Features As.'*
2. In the dialog box:
   * Set the format to *GeoJSON.*
   * Adjust the CRS (coordinate reference system) as needed.
   * Choose a location and file name for the export.
3. Click *'OK'* to save the file.

Your Toronto census tracts are now exported as a GeoJSON file!"

**Creating a Polygon Boundary for Your Area**  
"If you don’t have a list of census IDs, here’s an alternative:

1. Go to the website *Geojson.io.* <https://geojson.io/#map=2/0/20>
2. Draw a polygon that covers your area of interest.
3. Save the polygon as a GeoJSON file.

Now import the GeoJSON file into QGIS alongside the census shapefile:

1. Click on *'Layer,'* then *'Add Layer,'* and select *'Add Vector Layer.'*
2. Browse to your GeoJSON file and click *'Add.'*

The polygon for your area of interest will now appear on the map."

**Selecting Census Tracts by Location**  
"To filter for your area:

1. Go to the menu and click *'Vector,'* then *'Research Tools,'* and select *'Select by Location.'*
2. In the dialog box:
   * Set *'Select features from'* to your census shapefile.
   * Tick *'Intersect'* and *'Are within'* options.
   * Under *'By comparing to features from,'* choose your GeoJSON polygon.
3. Click *'Run.'*

The census tracts within or overlapping your polygon will now be selected."

**Exporting the Filtered Data**  
"To save the filtered data:

1. Right-click on the modified shapefile in the *'Layers'* section.
2. Select *'Export,'* then *'Save Selected Features As.'*
3. In the dialog box:
   * Set the file format to *GeoJSON.*
   * Adjust the CRS as needed.
   * Set the file name and location.
4. Click *'OK.'*

This will create a file with your desired census boundaries."

**Polishing the File in Geojson.io**  
"Note that some additional census tracts may be included. To remove them:

1. Go back to *Geojson.io* and import your file.
2. Click on any unwanted census tracts and delete them.
3. Once you’ve finished, save the polished file as GeoJSON."