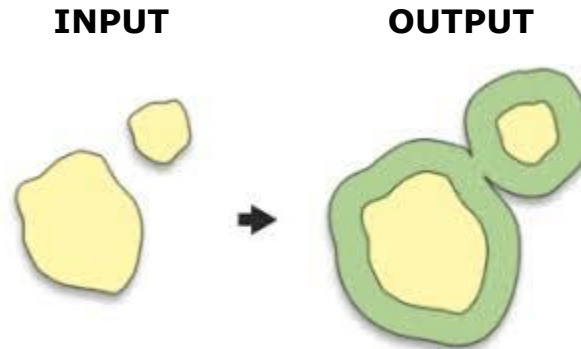


GIS Centre Top 10 Tools

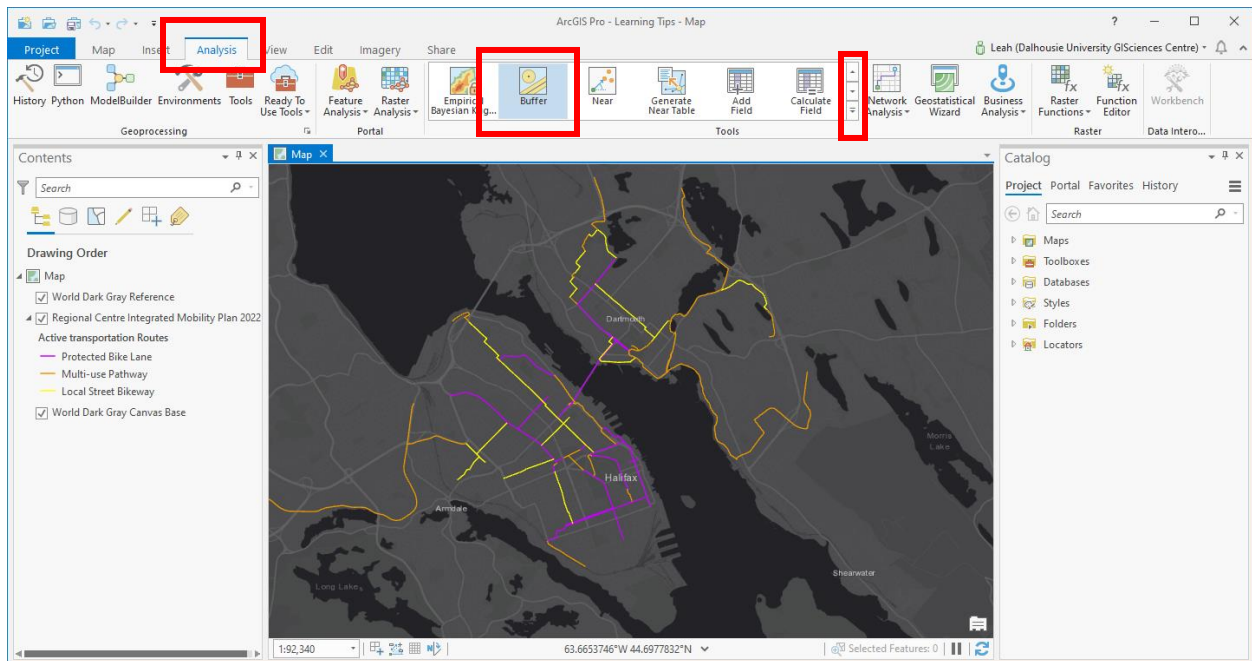
Buffer for ArcPro

Creates buffer polygons to a specified distance around the Input Features. An optional dissolve can be performed to remove overlapping buffers

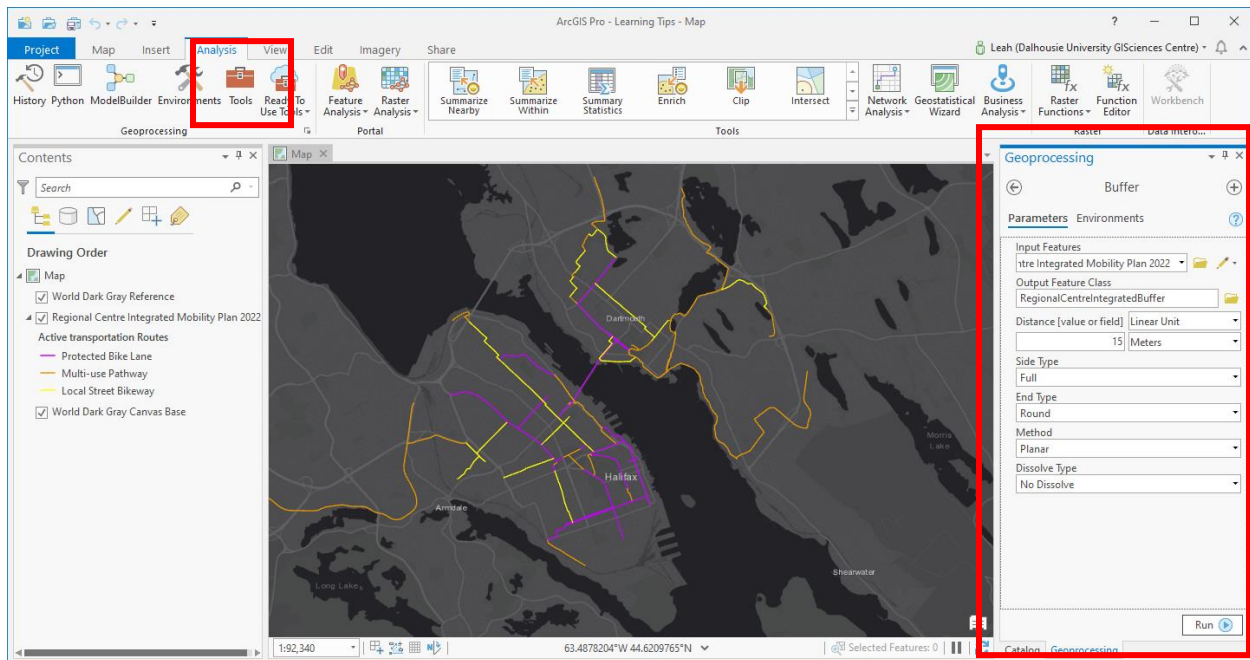


(<https://pro.arcgis.com/en/pro-app/tool-reference/analysis/buffer.htm>)

Where do I find it?



Go to the Analysis ribbon tab at the top of the screen, and scroll down to find the buffer tool, OR, click on the Tools button and search Buffer in Geoprocessing pane.



Parameters:

Input Features – The features to be buffered.

Output Feature Class – The data that is created.

Distance – Linear Unit – Where you specify the buffer distance and unit.

Field – The field that indicates what the buffer distance is for individual features.

* If negative value the buffer will be placed on the inside of the polygon (only valid for polygon features.)

Side Type – (Only valid with Advanced license) Indicates which side will be buffered. This is dependent on which direction the line was created. (this option is generally left alone)

End Type - (Only valid with Advanced license) Either flat or round. The default is round.

Dissolve Type – Specifies whether overlapping buffers are removed. Options are No Dissolve (no removing takes place), Dissolve all output features into a single feature, Dissolve features using listed field(s) unique values or combination of values.

Dissolve Field(s) – (Only valid if List is selected in last parameter). List of fields that will be removed/dissolved if values are the same in specified field.

To create a Multi-ring Buffer, search the tool and follow the same steps as the Buffer, except, include the various distances you want to buffer. Right click on the output and change the symbology to show the different distances.

