

Jupyter Notebook in ArcGIS Pro Lab 0 - Buffer a Shapefile

In [9]: `import arcpy`

The shapefile is the Road Centerline of Dakota County, Minnesota downloaded from Minnesota Geospatial Common Data link: <https://gisdata.mn.gov/dataset/us-mn-co-dakota-trans-trans-streets> (<https://gisdata.mn.gov/dataset/us-mn-co-dakota-trans-trans-streets>). The shapefile is imported to ArcGIS Pro and named as "trans_trans_streets"

Create 50 meters buffer in the cell below around the "trans_trans_streets" shapefile and generate an output named "streets_buffer50m" use the Buffer tools in arcpy library

In [12]: `# Buffer(50 meters) the Shapefile file "trans_trans_streets"`
`arcpy.analysis.Buffer("trans_trans_streets", "streets_buffer50m", "50 meters")`

Out[12]:

Output

C:\Users\zhux0474\Desktop\Lab0\MyProject\MyProject.gdb\streets_buffer50m

Messages

Start Time: Thursday, September 16, 2021 9:43:29 PM

Succeeded at Thursday, September 16, 2021 9:44:06 PM (Elapsed Time: 36.96 seconds)

In []: