NoteinArcOnline\_Lab0 9/21/21, 10:26 PM

## Welcome to your notebook.

```
In [ ]:
```

Run this cell to connect to your GIS and get started:

```
In [3]:
    from arcgis.gis import GIS
    gis = GIS("home")
```

/opt/conda/lib/python3.7/site-packages/arcgis/gis/\_\_init\_\_.py:430: UserWarning: You are logged on as zhux0474\_UMN with an administrator role, proceed with caution.

self.users.me.username)

Now you are ready to start!

```
In [ ]:
```

## Jupyter Notebook in ArcOnline Lab 0 - Buffer a Shapefile

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

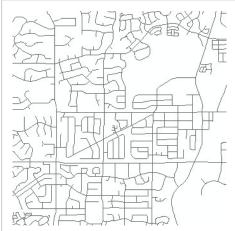
The shapefile is imported to my ArcOnline Content and added as "item" to this notebook in the cell below

```
# Item Added From Toolbar
# Title: shp_trans_trans_streets | Type: Feature Service | Owner: zhux0474_UM
item = gis.content.get("10d24117b64d49719aebaa58d4765263")
item
```

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Out[4]:



## shp\_trans\_trans\_streets

A road centerline database that can be used for assigning addresses, geocoding, labeling and general cartographic dispaly. Feature Layer Collection by zhux0474\_UMN

Last Modified: September 17, 2021 0 comments, 4 views

Create 50 meters buffer around the "item" and generate an output named "buffer50meter" use the Buffer tools in the Use Proximity under the Analysis tab

Use same parameters as ArcGIS Pro: dissolve\_type = None, side\_type = Full, end\_type = Round

In [5]:

Out[5]:



## buffer50meters

Peature Layer Collection by zhux0474\_UMN Last Modified: September 20, 2021 0 comments, 0 views

In [ ]:

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