# Welcome to your notebook.

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

```
In [2]:  from arcgis.gis import GIS    # Import gis & set my privileges

         gis = GIS("home")
```

```
/opt/conda/lib/python3.6/site-packages/arcgis/gis/__init__.py:407: UserWarnin
g: You are logged on as mheise_UMN with an administrator role, proceed with c
aution.
  self.users.me.username)
```

**Now you are ready to start!**

```
In [ ]:
```

```
In [3]:  # Item Added From Toolbar
         # Title: Lake_Co_road_centerlines | Type: Feature Service | Owner: mheise_UMN
         roads = gis.content.get("1cbf39f9aa2a4cebb59be2ad79e2e63b")
         roads
```

Out[3]:

**Lake_Co_road_centerlines**
(https://www.arcgis.com/home/item.html?
id=1cbf39f9aa2a4cebb59be2ad79e2e63b)

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(https://www.arcgis.com/home/item.html?
id=1cbf39f9aa2a4cebb59be2ad79e2e63b)

```
In [ ]:
```

```
In [11]:  from arcgis import features
          features.use_proximity.create_buffers?
```

In [7]:
```python
from arcgis import features
features.use_proximity.create_buffers(roads, [15], units='Meters', output_name
= 'road_AGOL')
```

Out[7]:



**road_AGOL** (https://www.arcgis.com/home/item.html?
id=c57e23b6daf244409dc45929ca490d79)

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(https://www.arcgis.com/home/item.html?
id=c57e23b6daf244409dc45929ca490d79)

In [9]:
```python
# Item Added From Toolbar
# Title: road_AGOL | Type: Feature Service | Owner: mheise_UMN
road_buffer = gis.content.get("c57e23b6daf244409dc45929ca490d79")
road_buffer
```

Out[9]:



**road_AGOL** (https://www.arcgis.com/home/item.html?
id=c57e23b6daf244409dc45929ca490d79)

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(https://www.arcgis.com/home/item.html?
id=c57e23b6daf244409dc45929ca490d79)

In [ ]:
```python
# Sources: https://www.youtube.com/watch?v=RUNBSYBLmX0
```