

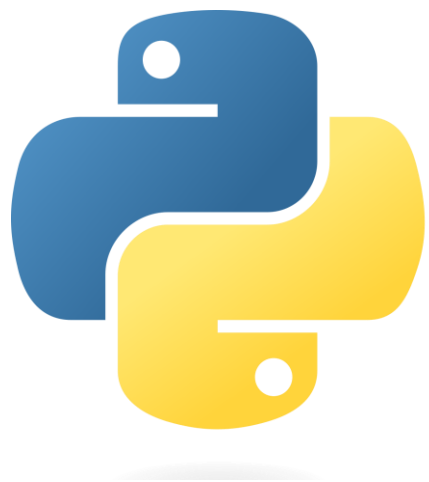
Zehui Yin

Contact

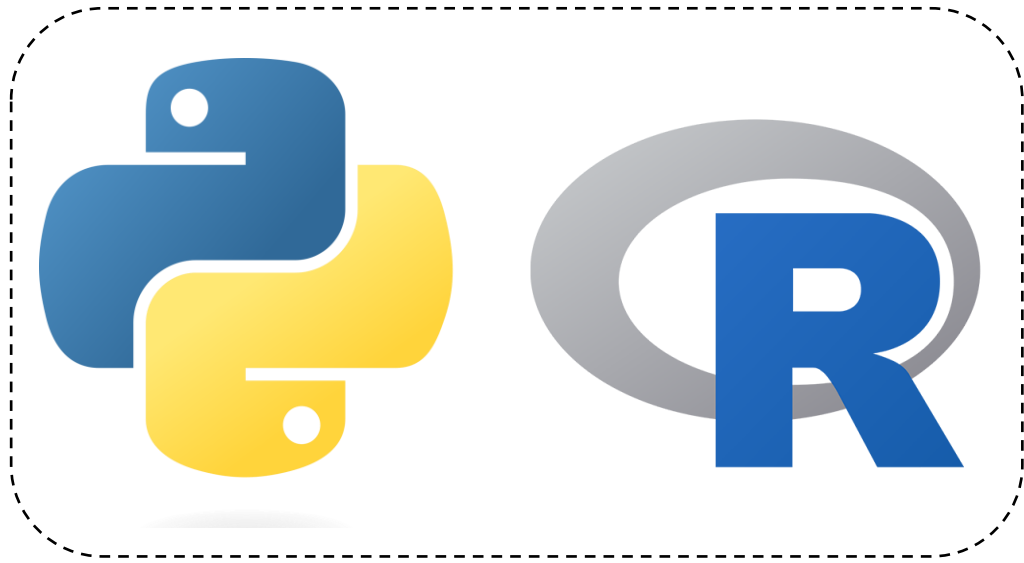
- Email: zehui.yin@mail.utoronto.ca
 - Please use your UofT email address and put GGRA30 in subject line
 - Please include your name and student number in email body
 - I will try to reply within 24 hours (please expect longer delay during weekends)

Office hour

- Tuesday from 11 am to noon
 - Please find zoom link and password on Quercus



Mainstream GIS Software



Open source programming languages with packages or libraries can handle spatial objects and conduct GIS analyses.

Python:

GDAL

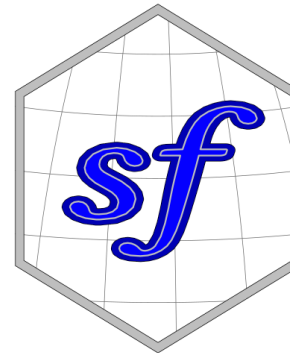


Geopandas



R:

sf



Terra





Specialized GIS Software with graphical interfaces can handle spatial objects and conduct GIS analyses



Esri commercial GIS products:
Utilized in Course:

ArcGIS Pro
GGRB30, GGRC30, GGRC32

ArcMap
GGRB32



The QGIS logo, featuring the letters 'QGIS' in a bold, green, sans-serif font. The 'Q' is stylized with a small orange and green square at its bottom-left corner. The logo is enclosed in a thin green rectangular border, which is itself inside a larger dashed black rounded rectangle.

QGIS is a free and open-source cross-platform desktop geographic information system (GIS) application that supports viewing, editing, printing, and analysis of geospatial data.