Resources

Tutorials

Name	Description
Census Tutorials	Brief tutorials on working with US Census data
Introduction to GIS Using Open Source Software	The tutorial manual and data used for the GIS Practicum, an introductory GIS workshop using QGIS
QGIS FAQs	Frequently asked questions, a short four-page handout for QGIS
Working with Raster Data in QGIS	An extension of the GIS Practicum, this tutorial focuses on working with raster data in QGIS
NYC Geodatabase	This resource includes a detailed tutorial on working with spatial SQL in a Spatialite geodatabase
ArcGIS Online: Fundamental Tasks	A brief reference guide that illustrates basic tasks for creating interactive web maps using ESRI's ArcGIS Online (the free public account)
Introduction to ArcGIS StoryMaps	New version. Learn how to create engaging, multimedia stories with maps using ESRI's online platform. Create a free ArcGIS online account to get started
Introduction to ESRI Story Maps	Classic version. Learn how to create engaging, multimedia stories with maps using ESRI's online platform. Create a free ArcGIS online account to get started
Introduction to Carto Using the Github Student Developer Pack	Demonstrates the interface, adding tables and shapefiles, summarizing data, and creating a map. Carto is free for current students who register for the developer pack

Resources

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Geospatial Metadata	Tools and scripts used in-house for creating and working with metadata
NYC PUMA and ZCTA Resources	Lists, crosswalks, and maps for working with PUMAs, ZCTAs, and other geographies in New York City
US Census Geocoding Script	Python 3.x script for batch geocoding US addresses

Research Guides

(Hosted outside the Geoportal)

Name	Description
Geographic Information Systems (GIS)	Introduction to GIS, services offered by the GIS lab, GIS tutorials, workshops, and certificate programs, GIS books
New York City Data	Online resources for finding socio-economic, demographic, and business data for the city, web maps for census data profiles
US Census Data	Introduction to US Census datasets, links to data sources and documentation