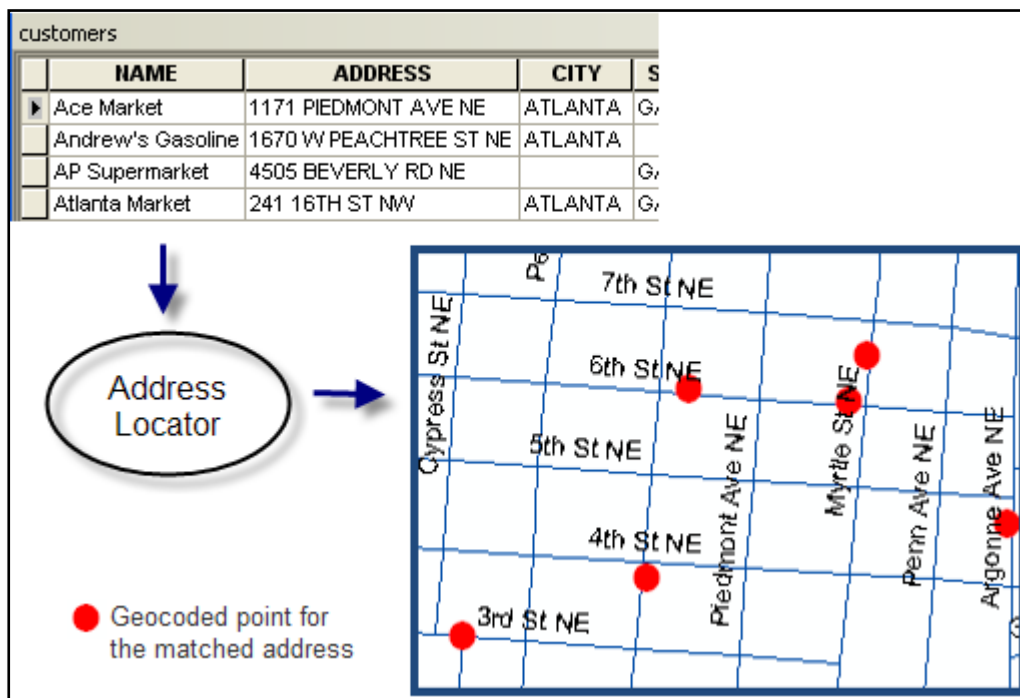# Geocoding in ArcGIS

Register now

SGD$480 / pax

Level: intermediate | Course duration: 1 day

Geocoding is the process of transforming a description of a location—such as a pair of coordinates, an address, or a name of a place—to a location on the earth's surface.

What is the course about?

From simple data analysis to business and customer management to distribution techniques, there is a wide range of applications for which geocoding can be used. With geocoded addresses, you can spatially display the address locations and recognize patterns within the information. This can be done by simply looking at the information or using some of the analysis tools available with ArcGIS. You can also display your address information based on certain parameters, allowing you to further analyze the information.

Who is the target audience?

ArcGIS users who want to perform simple data analysis to business and customer management to distribution techniques, there is a wide range of applications for which geocoding can be used.

Are there any prerequisites?

- Completion of ArcGIS 1: Introduction to GIS and ArcGIS 2: Essential Workflows or equivalent knowledge is required

What skills will I learn?

After completing this course, you will be able to:

- Prepare data for Geocoding
- Building an address locator
- Locating addresses

Course topics

Getting locations from tabular data

- Adding x, y data
- Finding places

Creating address locator

- Address matching

Building composite address locator

- How addresses are matched

Locating addresses

Geocoding addresses in a table

- Geocoding
- Geocoding components
- Geocoding output

Re-matching unmatched addresses

- Matching addresses

Utilising alternate street names and place names as aliases

- Geocoding workflow