

Course title: GIS Mapping and Spatial Data Analysis Course

Course link: <https://upskilldevelopment.com/gis-mapping-and-spatial-data-analysis-course>

Introduction

Geographic information systems are used in infrastructure management, project beneficiary mapping, service facilities mapping, land use planning, market analysis, impact analysis and utilities management.

Geographical information Systems have become an essential tool for planning, resource management and decision making. The ability of GIS to store, retrieve, analyze model and map spatial data has enhanced its application.

This course aims at equipping the learners with knowledge to use GIS tools to visualize real world features, explore spatial data and analyze maps to communicate information and make decisions.

Who Should Attend?

This training is designed for participants who want to apply GIS in the work to share information and make decisions.

No of Days

5 Days

Course Objectives

- Perform spatial analysis to better understand your data
- Create and share online maps using web GIS platforms
- Acquire, clean, and map GIS data
- Geocode addresses to longitude and latitude coordinates
- Work with attributes and shapefiles in map making

- Work with both vector and raster data
- Complete an entire GIS project on acquiring, processing, analyzing, and visualizing GIS data.
- Perform joins, clipping, normalization, and many more core GIS operations
- Work with vector and raster data

Course Content

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