



Topic Specific

From Spreadsheet Database to Geodatabase

Duration: 1 Days (8 Hours)

Go beyond Excel tables, Enable Geospatial data.

Although we often think of a GIS in terms of maps and geographical data we often forget that a GIS also consists of attribute data that is equally important. In fact, many maps are generated from attribute data, or queries are often run on the attribute data, to generate new spatial data layers. GIS data therefore consists of spatial and attribute data that are stored in a database. Many attribute data sets are available in spreadsheets. Any GIS user should be familiar between the design of a spreadsheet and a database. This training course will take you through the process of converting a spreadsheet to a database and how to design and implement a Geodatabase.

Goals



Explore database structures and how to use to standalone tables



Data management issues and how it is addressed by a RDBMS



Design and implements RDBMS for the use in a GIS



Develop queries based on a set of spatial criteria.

Who should attend?

GIS Analysts

GIS Specialists

Data Technicians

Database Administrators

Suggestion

Completion of **ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro** or equivalent knowledge.

Software

Esri will provide the following software to use during class:

- **ArcGIS Desktop 10.5 (Advanced)**