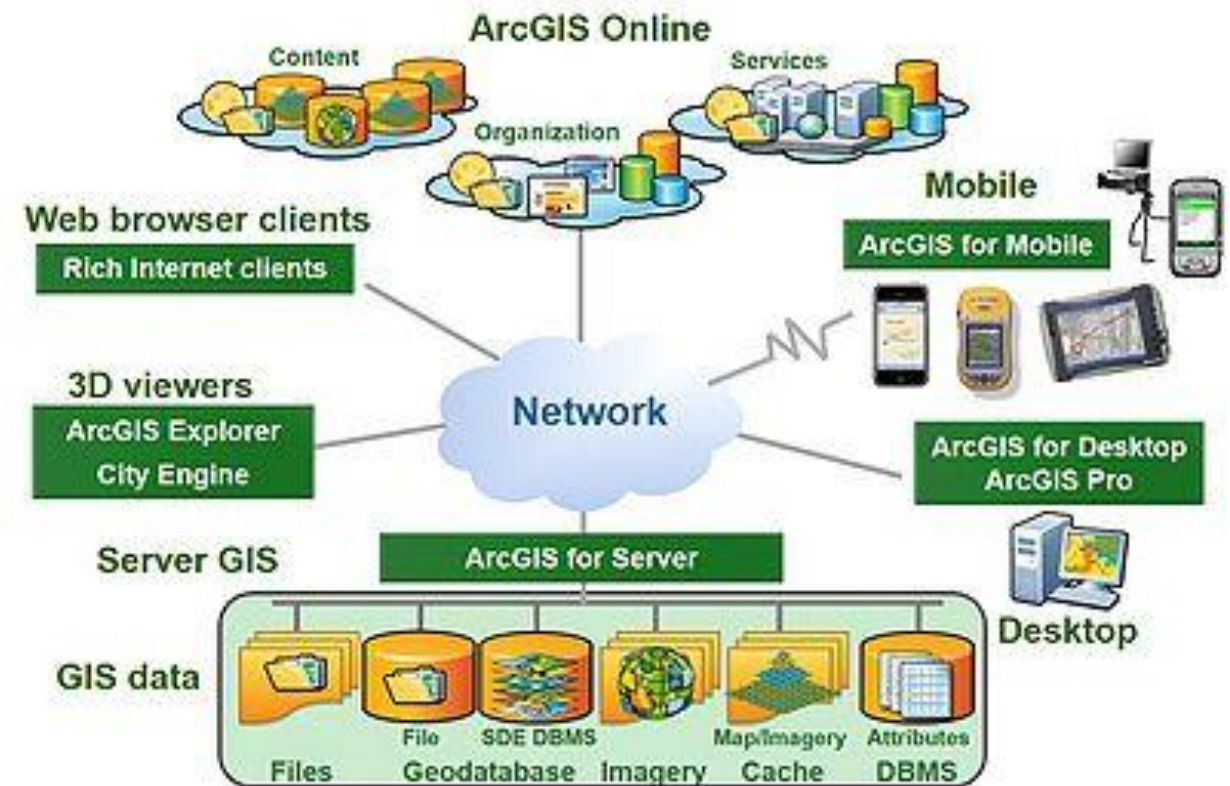


The ArcGIS Platform: An Architecture Overview

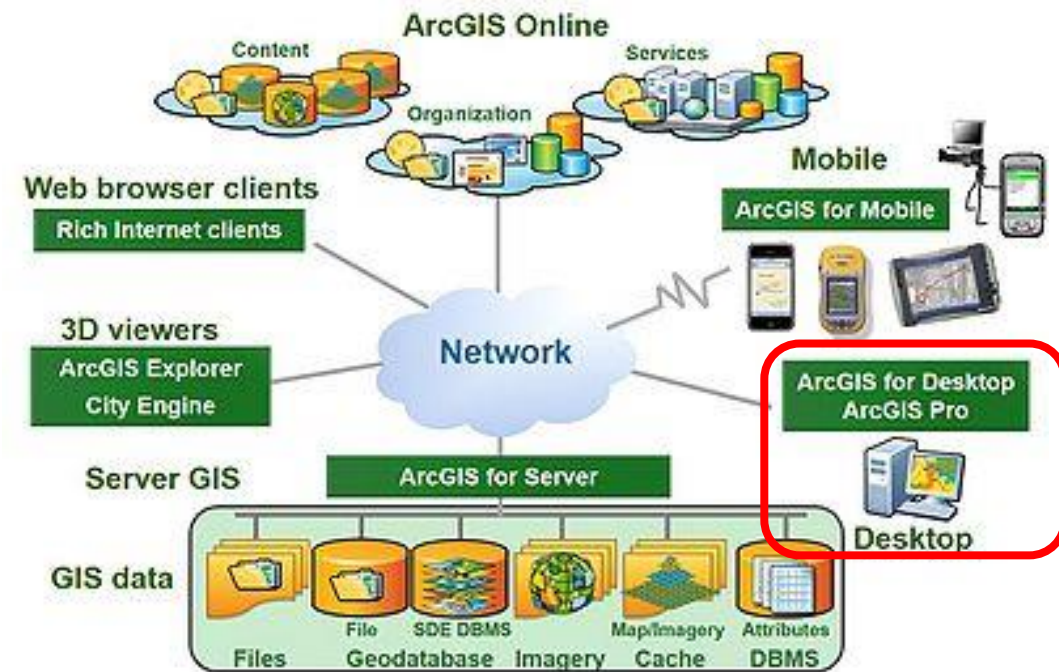
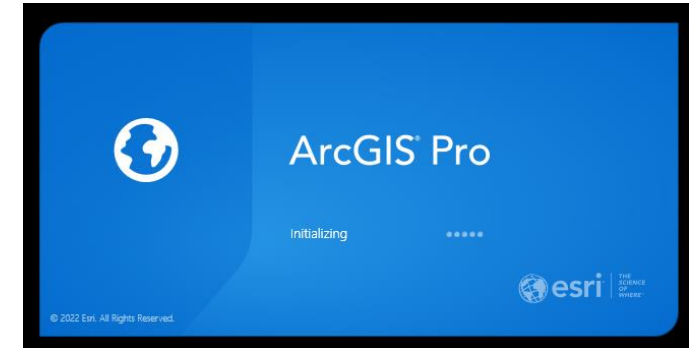
- The ArcGIS platform includes **an integrated mix of software** developed to satisfy a full range of GIS user requirements.
- All of these components are designed as a system **to work together within an integrated enterprise GIS environment.**
- This is **the big picture** of what ArcGIS has to offer in building an enterprise GIS.
- **ArcGIS is the overall platform**, and **the components of this platform work together to satisfy a variety of specific business needs.**



The ArcGIS Platform: An Architecture Overview

➤ Desktop GIS

- **The ArcGIS** for Desktop family is developed from a standard set of ArcGIS object relational executables, delivering a fully integrated set of scalable desktop product offerings.
- Lighter desktop applications include **ArcReader, ArcGIS Engine, and ArcGIS Runtime** focused applications.
- **ArcGIS Pro** makes the GIS functionality you most often use easy to access, so you can get your work done faster without a big learning curve.



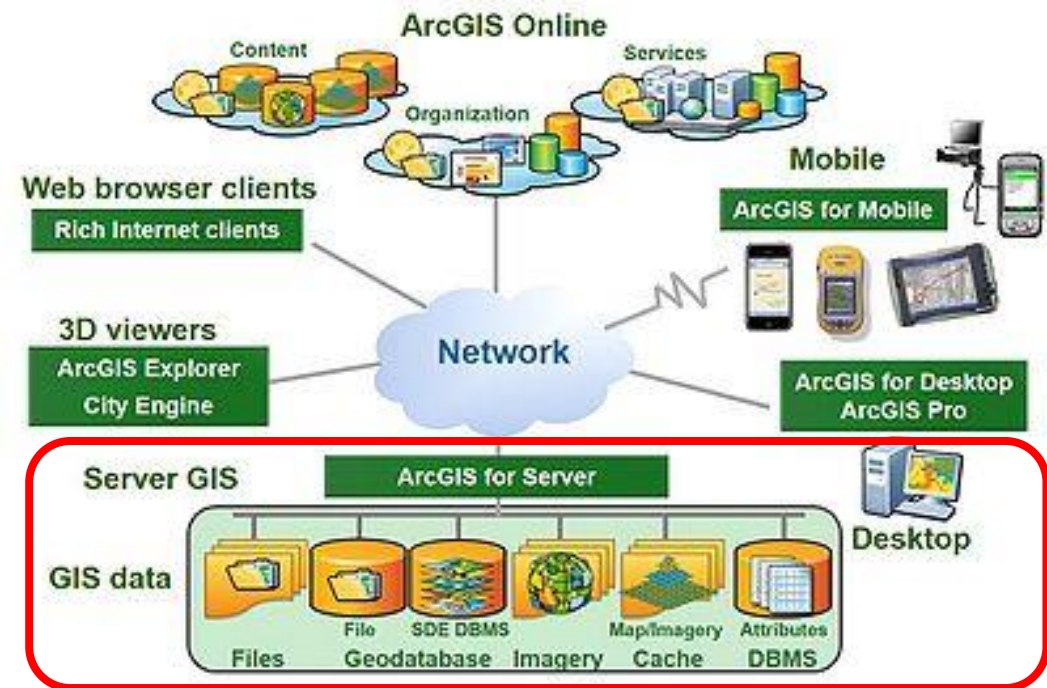
The ArcGIS Platform: An Architecture Overview

➤ Server GIS

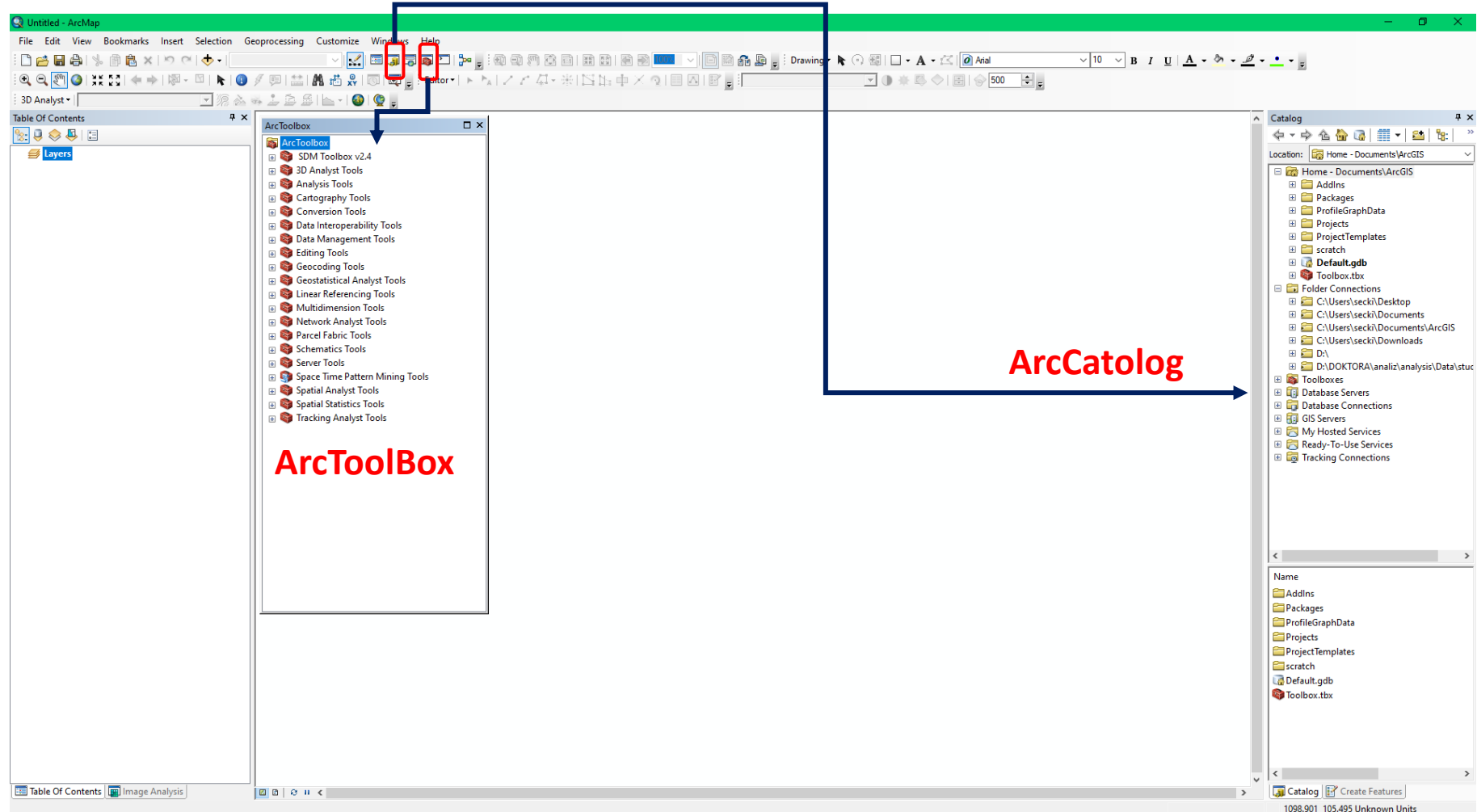
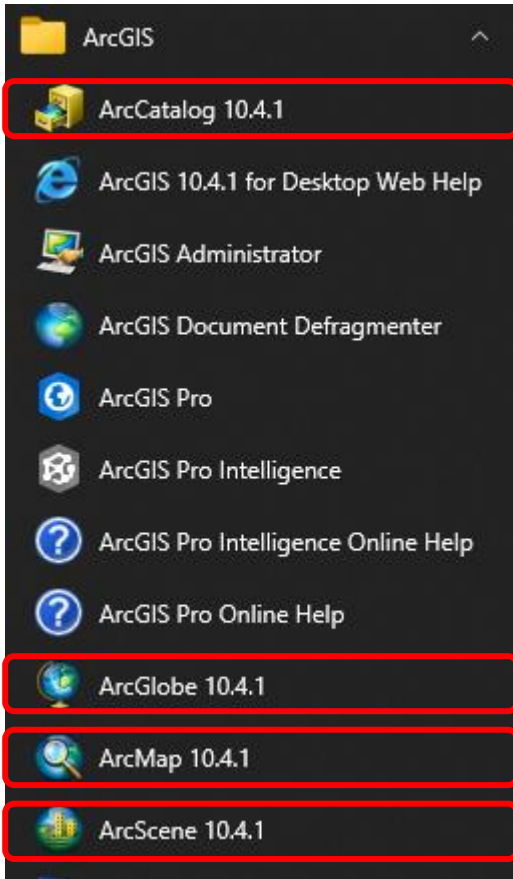
- **ArcGIS for Server provides** technology for publishing GIS services that ArcGIS can consume for **Desktop**, mobile GIS, and standard web browsers.



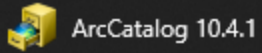
- ArcMap
- ArcCatalog
- ArcToolbox
- ArcGlobe
- ArcSecene



The ArcGIS Platform: An Architecture Overview



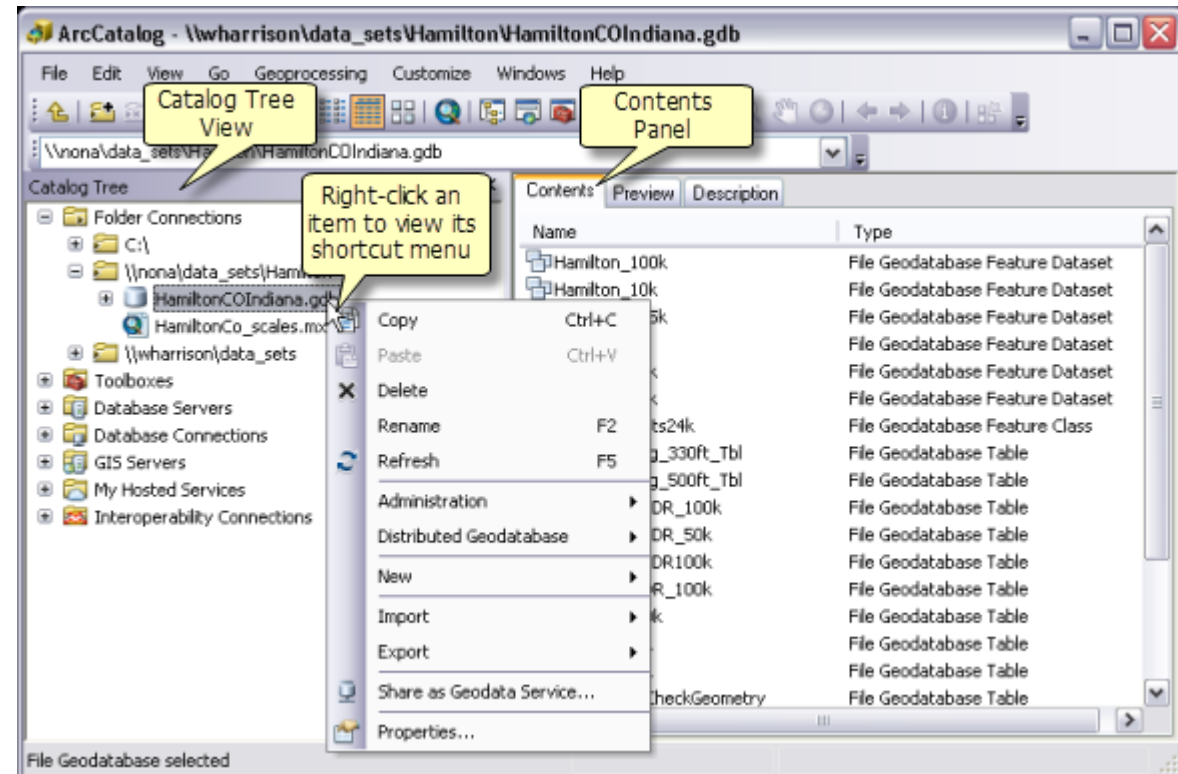
The ArcGIS Platform: An Architecture Overview




- ❑ The ArcCatalog application provides a catalog window that is used to organize and manage various types of geographic information for ArcGIS Desktop. The kinds of information that can be organized and managed in ArcCatalog includes:

- Geodatabases
- Raster files
- Map documents, globe documents, 3D scene documents
- Geoprocessing toolboxes, models, and Python scripts
- GIS services published using ArcGIS Server
- Standards-based metadata for these GIS information items
- And much more

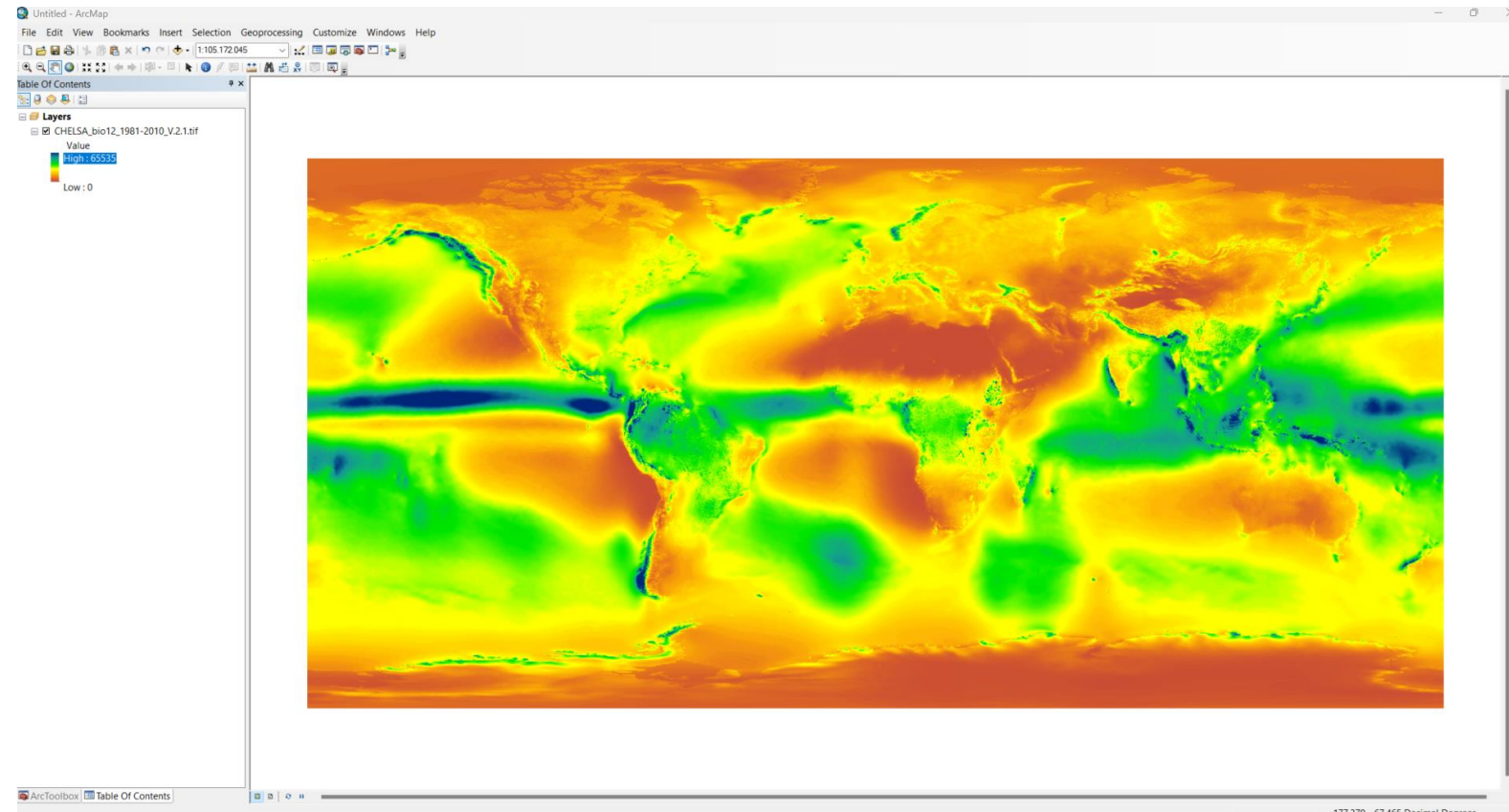
- ❑ ArcCatalog organizes these contents into a tree view that you can work with to organize your GIS datasets and ArcGIS documents, search and find information items, and to manage them.



The ArcGIS Platform: An Architecture Overview

 ArcMap 10.4.1

- ArcMap is where you display and explore GIS datasets for your study area, where you assign symbols, and where you create map layouts for printing or publication. ArcMap is also the application you use to create and edit datasets.
- ArcMap represents geographic information as a collection of layers and other elements in a map. Common map elements include the data frame containing map layers for a given extent plus a scale bar, north arrow, title, descriptive text, a symbol legend, and so on.

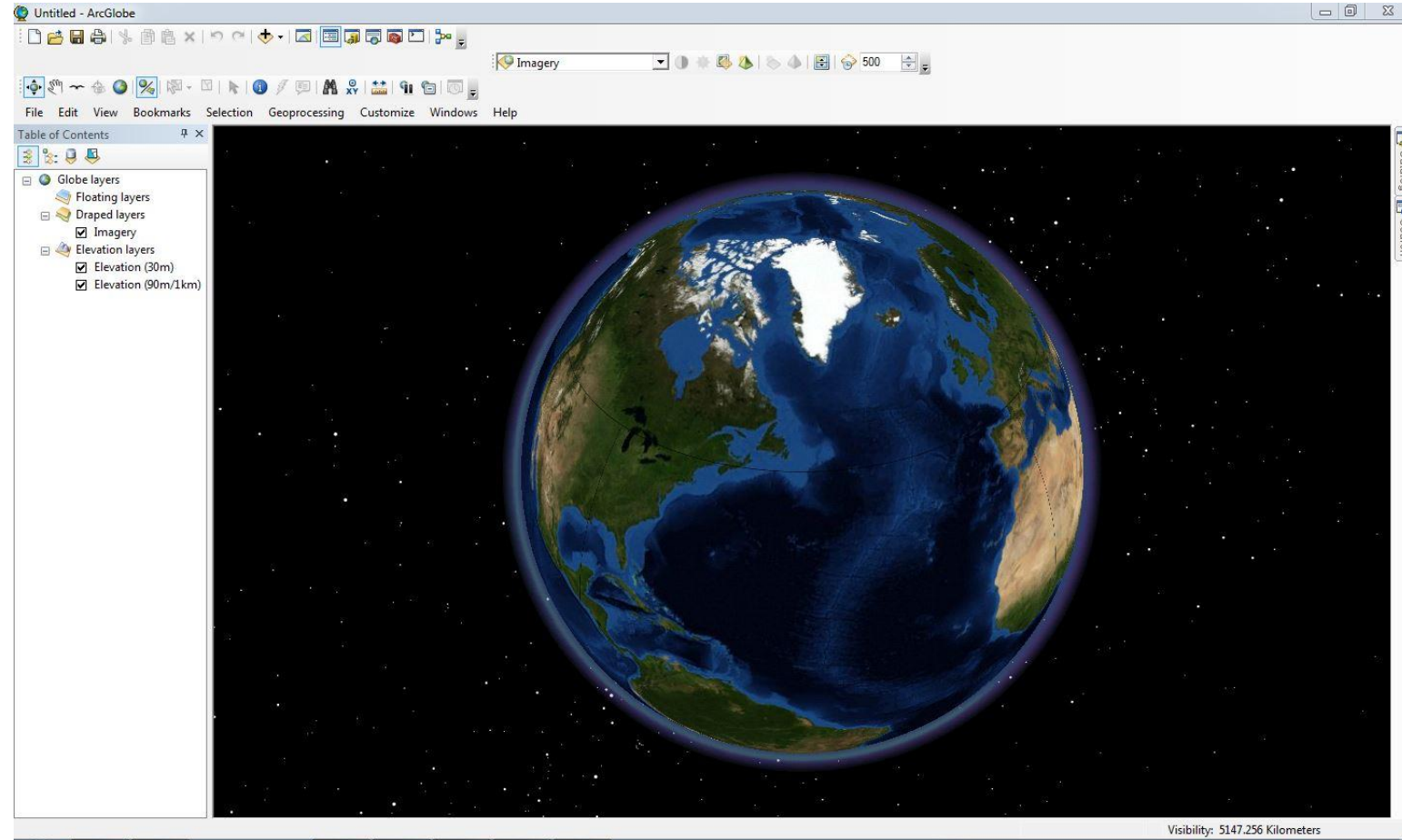


The ArcGIS Platform: An Architecture Overview




ArcGlobe 10.4.1

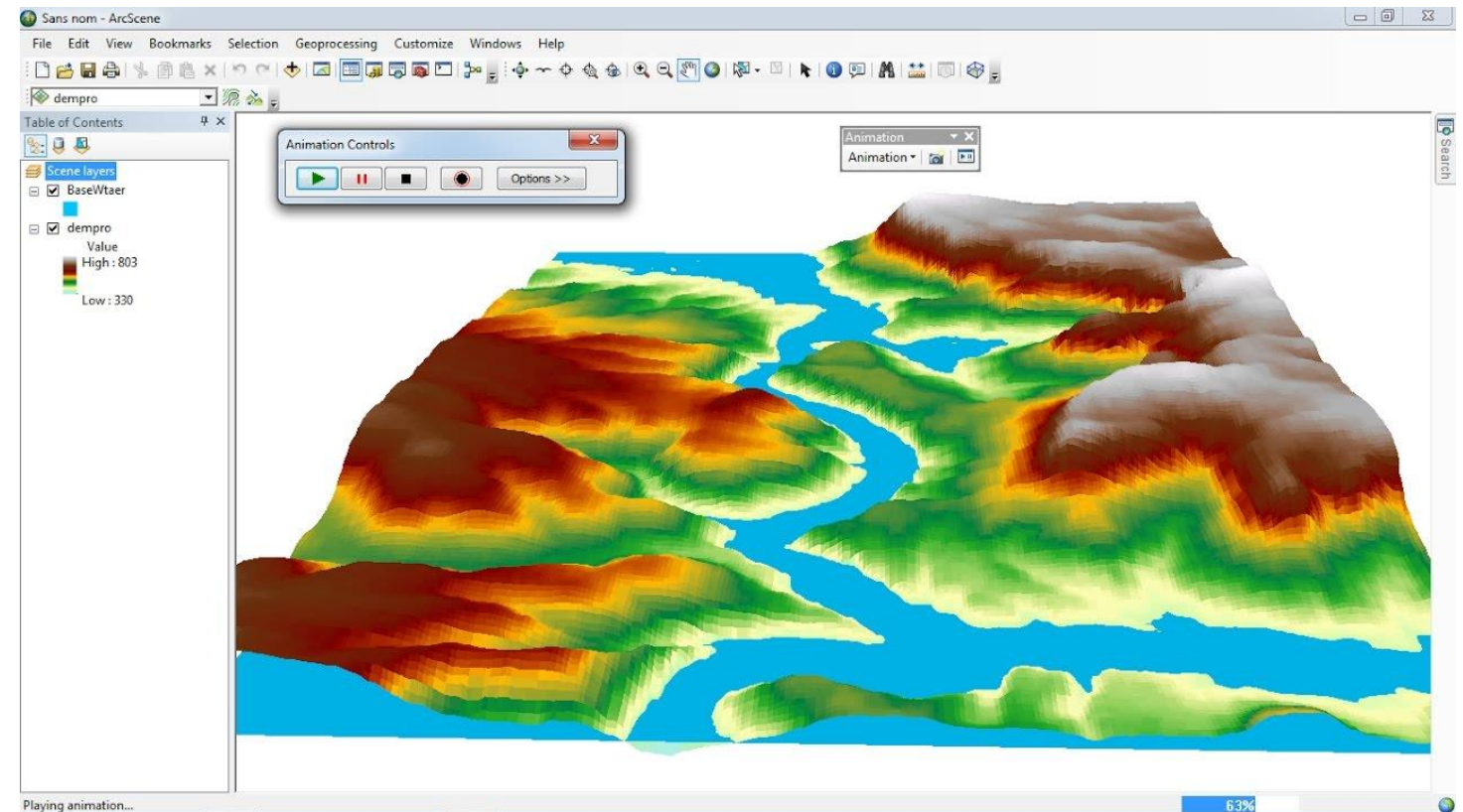
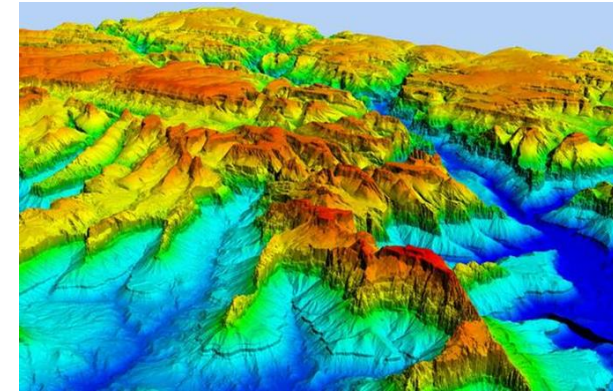
- ArcGlobe is a 3D visualization application that allows you to view large amounts of GIS data on a globe surface.
- ArcGlobe provides a new and unique way to view and analyze your GIS data.
- Spatially referenced data is placed on a 3D globe surface, displayed in its true geodetic location.



The ArcGIS Platform: An Architecture Overview

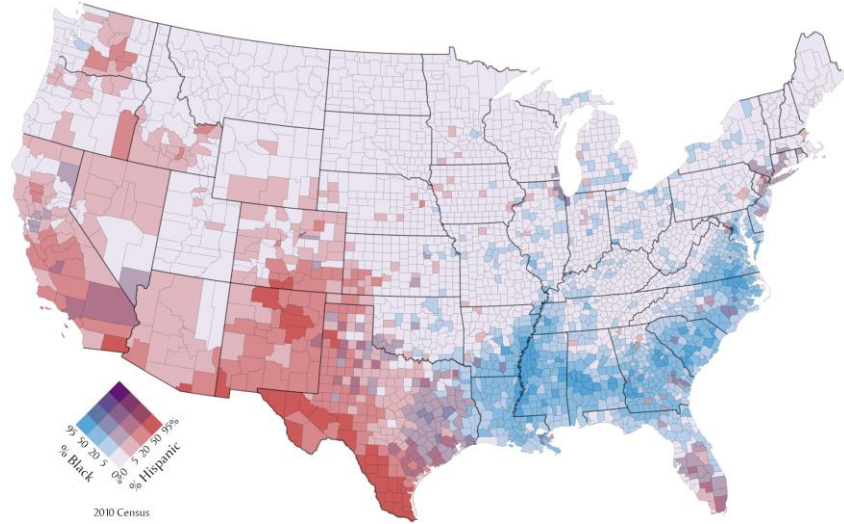
 ArcScene 10.4.1

- ArcScene is a 3D visualization application that allows you to view your GIS data in three dimensions.
- ArcScene allows you to overlay many layers of data in a 3D environment.
- Features are placed in 3D by providing height information from feature geometry, feature attributes, layer properties, or a defined 3D surface, and every layer in the 3D view can be handled differently.
- Data with different spatial references will be projected to a common projection, or data can be displayed using relative coordinates only.
- ArcScene is also fully integrated with the geoprocessing environment, providing access to many analysis tools and functions.

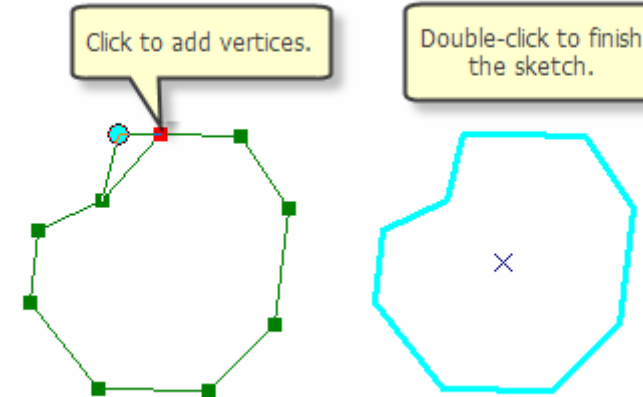


The ArcGIS Platform: An Architecture Overview

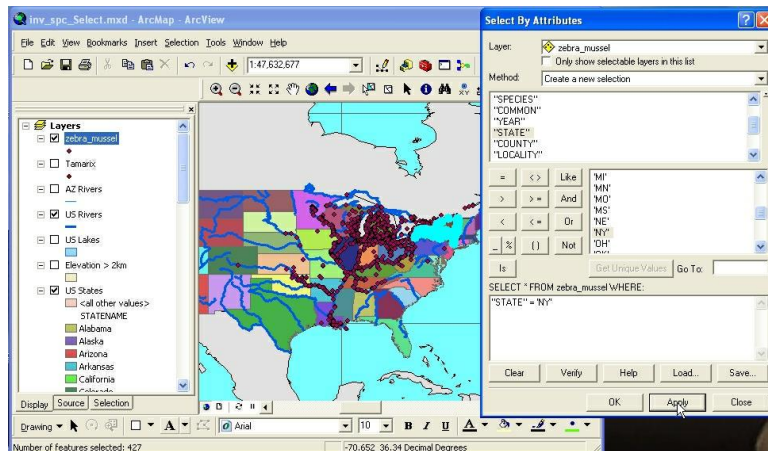
- Mapping



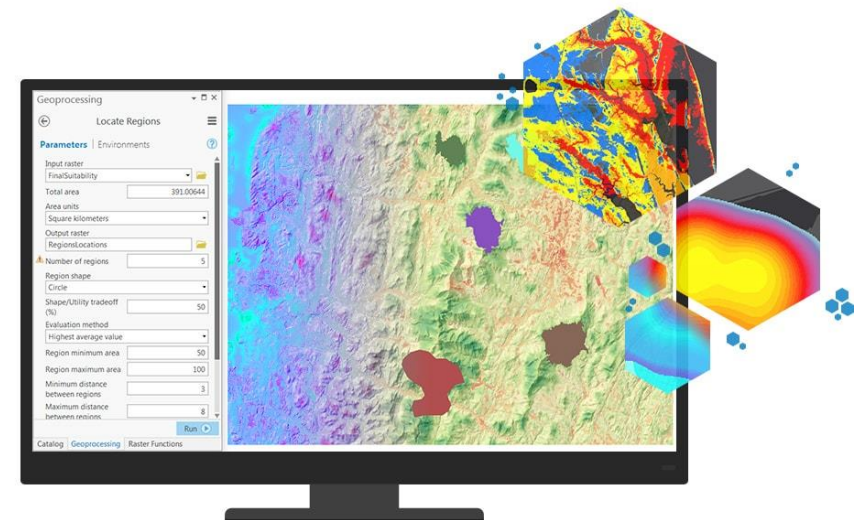
- Editing



- Querying

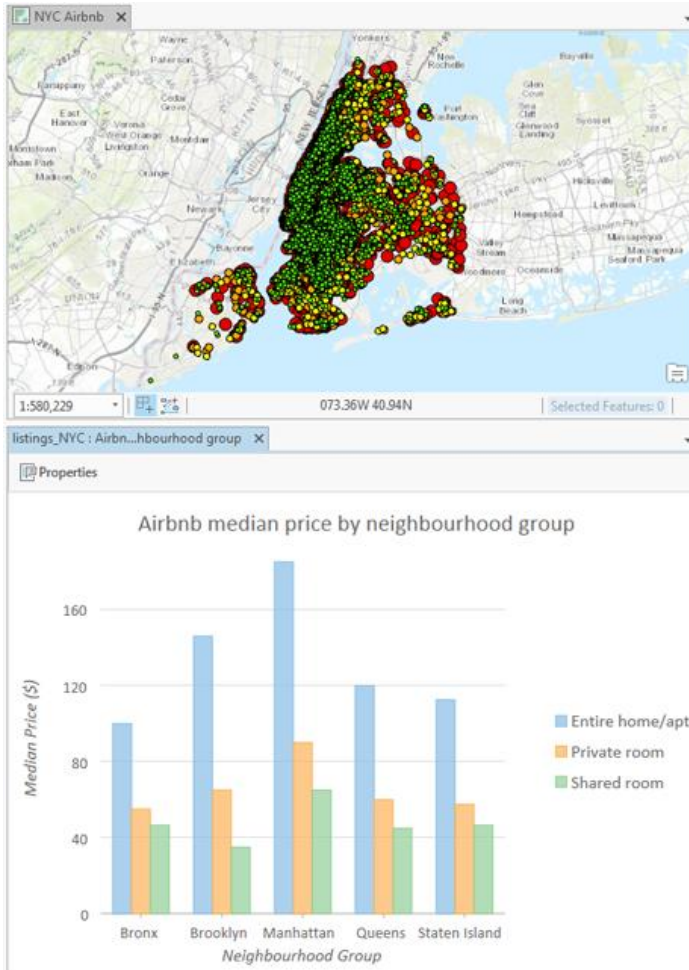


- Analyzing

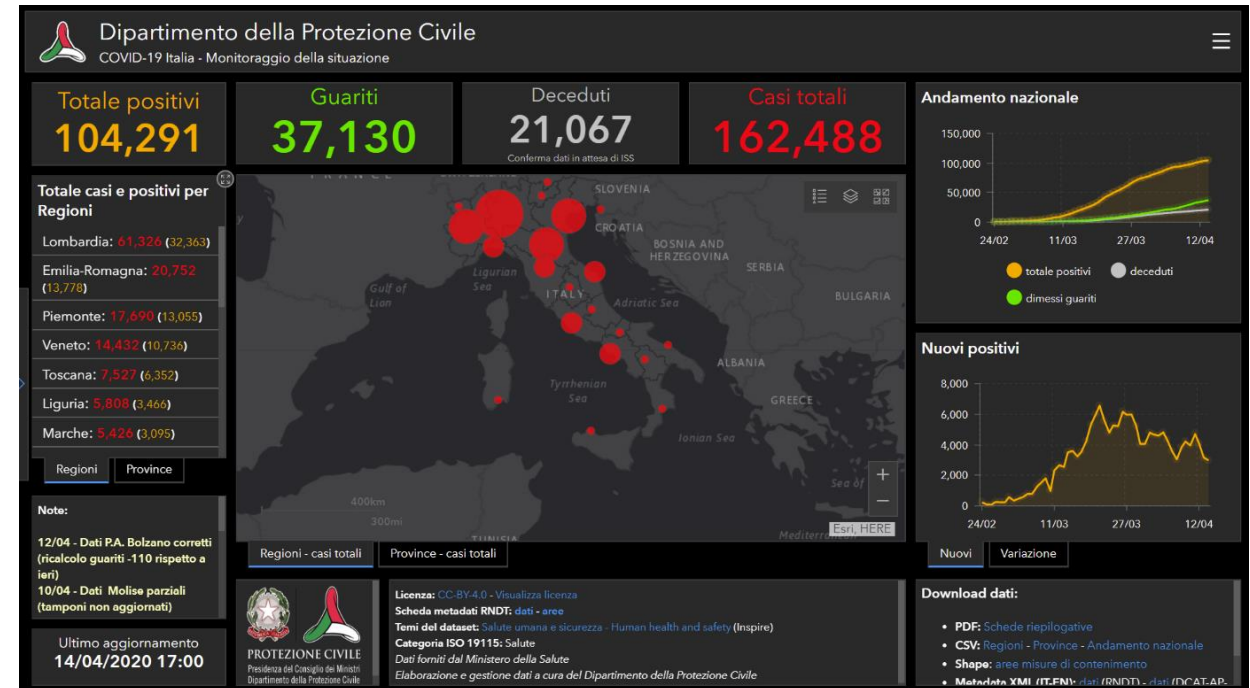


The ArcGIS Platform: An Architecture Overview

- Charting



- Reporting

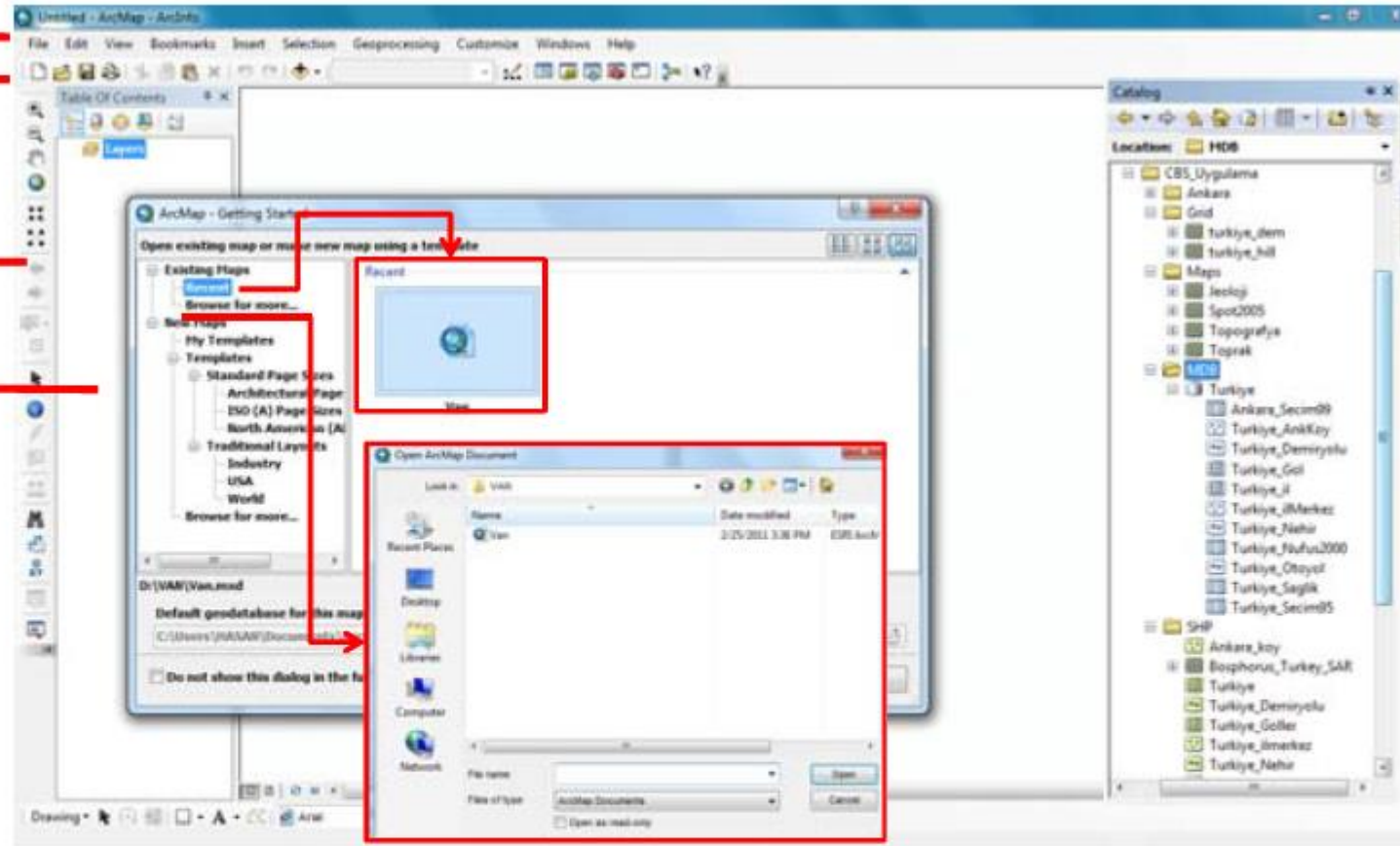


The ArcGIS Platform: An Architecture Overview

Main Menü
Standart Toolbar

Tools Toolbar

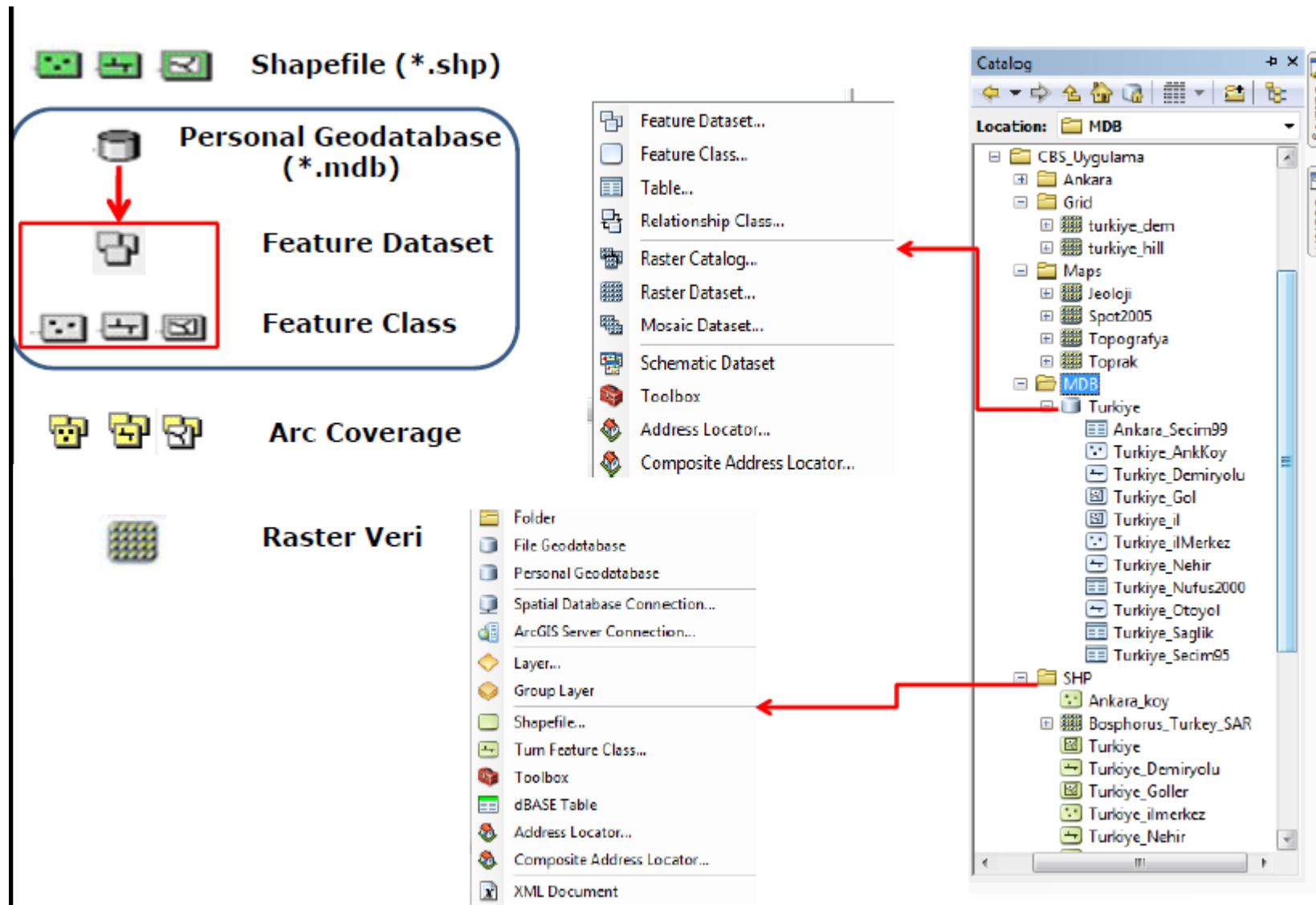
Table of Contents



Existing map: Mevcut bir projenin ArcMap ortamında görüntülenmesidir.
Proje dosyaları (*.mxd) olarak tutulur.

New Map: Yeni bir harita ve harita çıktı işlemlerinde hazır bir şablonu görüntüleme veya yeni bir şablon oluşturmada kullanılır.

The ArcGIS Platform: An Architecture Overview



- <https://www.esri.com/en-us/arcgis/products/arcgis-desktop/resources>