Basic Intro to Arc View GIS

What is Arc View GIS?

- A desktop Geographic Information System (GIS)
- Software with an easy point-and-click graphical user interface (GUI)
- A set of Tools for visualizing, exploring, querying, editing and analyzing information linked to various geographic locations
- Consists of ready to use data
- Easily load spatial and tabular data; display them as maps, tables and charts

Arc View Features

- Easy to use GUI with quick and easy pull down menus, buttons and tools.
- Thematic Mapping
- Spatial Analysis
- Address geocoding
- Data Generation, creation and editing
- Access and including external databases
- Customization using Avenue
- A number of additional GIS functionalities

What is Arc View GIS?

- A very powerful mapping system that runs from your desktop computer.
- Links location and information and facilitates to present information as maps, analyzes location, maps demographics and updates information pertaining to maps easily.

Arc View Project Window

- Contains Arc View Documents
- Store all your work related to a single project as an *.apr file.
Arc View Interface

The Project Window - The application consists of one project window. It displays the name of all documents in an Arc View project.

Document Window – There is a document window and interface when working with Arc View.

Status Bar – Placing the cursor over a menu or button displays a description of the operation it performs.
Arc View Documents

Arc View presents different data sources in separate windows called document window. They have their own interface.

1) **Views**: Display different sets of geographical data (called themes) as interactive maps. Each view has a display area and a Table of Contents.
2) **Tables**: Information formatted in rows and columns. Tables contain descriptive information about map features and are linked to the views.
3) **Charts**: Charts display tabular data graphically. There are many different types of charts including bar, scatter, histogram, line and pie.
4) **Scripts**: Programs in Avenue code written to automate tasks or add new capabilities to ArcView.
5) **Layouts**: Used to create presentation quality maps and displays.

Introducing Themes

- Collection of similar geographic features and their attributes
- Displayed in Views
- Consists of a title and a legend in the view’s Table of Contents
This will help you generally to get an idea of Arc View GIS and familiar with the GIS terms and terminologies.