



What is Database...



Database

- **Base** : "a structure on which something rests"
- **Data Base** – “a structure that holds data”.

Database: an organized collection of structured information, or data, typically stored electronically in a computer system.



Traditional File System



First Name	Last Name	Address	City	Age
Mickey	Mouse	123 Fantasy Way	Anaheim	73
Bat	Man	321 Cavern Ave	Gotham	54
Wonder	Wcman	987 Truth Way	Paradise	39
Donald	Duck	555 Quack Street	Mallard	55
Bugs	Bunny	567 Carrot Street	Rascal	58
Wiley	Coyote	999 Acme Way	Canyon	51
Cat	Wcman	234 Purrfect Street	Hairball	32
Tweety	Bird	543	Itotitaw	28

Table(s) with Columns and Rows

Database



Difference between a Database and Spreadsheet?

- How the data is stored and manipulated.
- Who can access the data.
- How much data can be stored.