MS-Access 2019

Basic to Advance

By ITCS

- 1.Small to Medium-sized Businesses
- 2.Non-profit Organizations
- 3.Education Sector
- 4. Healthcare Institutions
- **5.Government Agencies**
- **6.Consulting and Freelancing**
- 7. Research and Academic Institutions
- **8.Financial Services**
- 9. Marketing and Sales
- **10.Personal Projects**



MS-Access



- > What is a Data?
- > Why use a Database?
- > What is DBMS?
- > Benefits of MS-Access
- > Parts of an Access Database

What is Data?

Any observation, numbers, Character symbols, image etc

What is Database?

More than 1 Data with similar type

What is DBMS?

Data Base Management System (DBMS)

Is a Software

For storing users' Data

DBMS Software

- MySQL
- PostgreSQL
- Oracle Database
- Microsoft SQL Server
- SQLite
- •IBM Db2
- MS-Access

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Database



- ✓ Database is a program
- Lets you store, Organize and Manipulate Data

Hii My name is **Arun** and **Yours**

Where?



Platform

Where you can write your Information.

And edit, Delete, manage.

Beginning of Computer

We store data in notepad



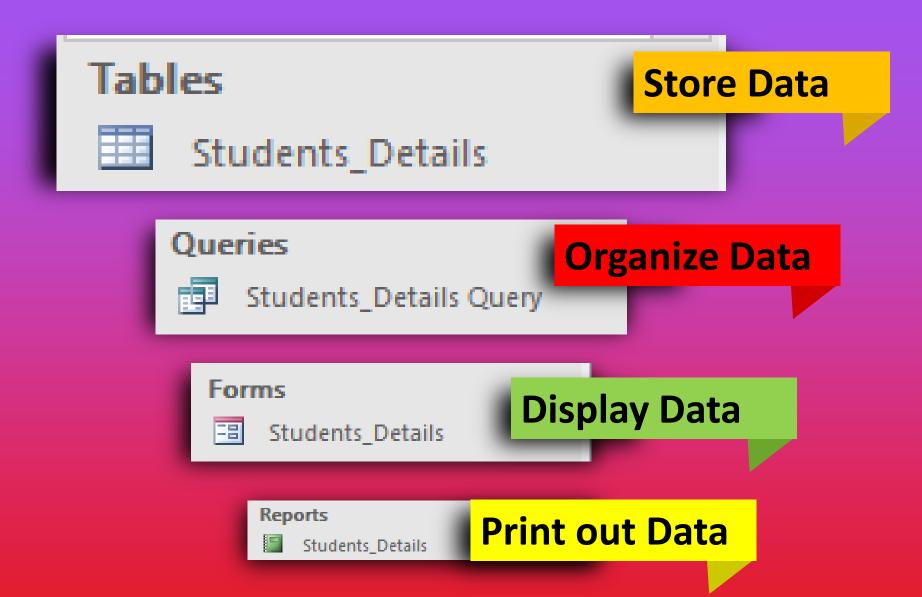
Which is more Complicated

We can't manage data easily

Updating is very complex



Parts of an Access Database



Fields

■ Students_Details						
4		CustomerID 🕶	First_Name →	Last_Name →	Address -	City -
	+	1	Atharva	Chauhan	Uma Nagar	Deoria
	+	2	Kritika	Singh	Langdi deoria	Deoria
	+	3	Pakhi	Yadav	Virndaban colony	Gorakhpur
	+	4	Usman	Singh	Dawarika	Azmer
	+	5	Pooja	Yadav	Kailash puri	Azamghar
*		(New)				

Records