

# Database Development

By: S.K.Roy

# Contents

- ❖ What does DBMS stands for?
- ❖ Functions Of Database Management System
- ❖ Relational Database Management System
- ❖ How is data organized in a RDBMS

# What does DBMS stands for?

- **DBMS:** A database management system is a software package with computer programs that controls the creation , maintenance, and use of a database.
- **Database:** A database is an integrated collection of data records, files, and other objects.
- Examples of DBMS are Oracle, MS- Access, MySql, etc.

# DBMS Functions

- Data Dictionary Management
- Data Storage Management
- Security Management
- Multiuser Access Control
- Backup and Recovery management
- Data Integrity Management

# Relational Database Management System(RDBMS)

- A relational database management system is a DBMS based on the relational model .
- Relational: Data is stored in multiple tables and tables are linked using a common field.

# Keywords

- **Record:** A record is a set of information stored in your database about one of the items.
- **Value:** A value is the actual text or numerical amount or date that you put in while adding information to your database



# Have a nice day

**S.K.Roy**  
(CS Teacher)