**Databases**

A Flat File Database

Customer Table

|  |  |  |
| --- | --- | --- |
| **FirstName** | **Surname** | **Address** |
| Joe | Murphy | Dundalk |
| Ann | Glynn | Ardee |
| Sam | Neary | Drogheda |
| Tim | Woolworth | Dundalk |
| Audrey | White | Blackrock |
| Vera | Nolan | Ardee |
| Harry | Scully | Dundalk |
| Bob | Green | Drogheda |

A **Table** is a collection of related records.

A **Record** is a collection of data on a single item, individual or event.

A **Field** is a piece of data that is collected for each item, individual or event in the database.

## (The records are the rows and the fields are the columns in the table).

The **Primary Key** is a field that uniquely identifies a record.

A **Compound Key** is a primary key made up of more than one field.

A **Data Type** is defined for each field and controls what can be recorded for that field

Common data types include text, number and date.