|  |  |  |  |
| --- | --- | --- | --- |
| CustomerID | CompanyName | ContactName | ContactTitle |
| ALFKI | Alfreds Futterkiste | Maria Anders | Sales Rep. |
| ANATR | Ana Emparedados | Ana Trujillo | Owner |
| ANTON | Antonio Taquería | Antonio Moreno | Owner |

Table is also called a Relation

Row / Tuple / Record

CHAR(5)  
NOT NULL  
PRIMARY KEY

A relation, also known as a table or file, is a subset of the Cartesian product of a list of domains characterized by a name. And within a table, each row represents a group of related data values. A row, or record, is also known as a tuple. The columns in a table is a field and is also referred to as an attribute.

<https://opentextbc.ca/dbdesign01/chapter/chapter-7-the-relational-data-model/>

A *domain* is a set of acceptable values that a column is allowed to contain. This is based on various properties (like nullability) and the data type for the column.

Column / Attribute / Field