



Data Representation

Learning

- 🔗 To understand how information in a database is organised
- 🔗 To understand the advantages of a computer based database over a paper one
- 🔗 To find and enter information to create additional records in a database
- 🔗 To demonstrate the knowledge skills and understanding they have learned during this unit

Key Vocabulary

Field	A single piece of information in a record
Record	A set of fields
Data	Different types of information (e.g. pictures, words, numbers)
Database	Stored information that is organised in records
Search	Using a database to find records
Sort	Sorting database records into an order



Data Representation

Examples

Resort Name

Country

Average Temperature

Price

Weather

Activities

New Query Line

Field	Condition	Value	AND/ OR
Country	equals	Egypt	or

OK

Records
FridayBookings

Resort Name

Country

Average Temperature

Price £

Weather

Activities

find all

Found Records 2

Current Record 1

Activities

is the same as

cancel ok

Key Questions

How many records did your search find?



Which field contains information about this?



What are the advantages of a computerised database?

E.g. Speed, accuracy

Can you think of a question that you could use your database to answer?



How are these records sorted?

E.g. smallest to biggest