Q1: What is alphanumerical data type? What else can you call this data type?

A1: General purpose data type that can store information using characters (alpha) or numbers (numerical). This is also known as ‘char’, ‘text’ or ‘string’

Q2: How many data types are there? What are they?

A2: There are 5 data types

Alphanumerical, date, number, currency, and Boolean.

Q3: What does a Boolean data type represent?

A3: Yes or No

On or Off

1 or 0

True or False

Q4: Why would you need to convert data types:

A4: The database designed doesn’t implement the correct data type when creating the database e.g uses alphanumerical for date data types

Q5: What datatype would this be?

1, 63452, 87, 354 ,798161

A5: Number

Q6: What datatype would this be?

Red, 88310-7241, L33T, John

A6: Alphanumerical or string or text or char

Q7: What datatype would this be?

Month 5, 1/24/22, Week 26, Tuesday

Q7: Date

Q8: What datatype would this be?

True, 0, On, Correct, No

A8: Boolean

Q9: What datatype would this be?

$29.99, €1.29, ¥5249, RM9999

A9: Currency

Q10: What are sub sections of data types important such as smallint, int or bigint

A10: This allows for optimal storage usage of the database e.g smallint uses 2 bytes vs int using 4 bytes