DBS211 QUIZ 1

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1. **What’s the difference between Data and Information?**

Data is raw, unprocessed information. Information is processed data from which the meaning of the data is revealed; in addition, it allows users to make decisions.

1. **List the possible Data Anomalies.**

Modification anomalies, Insertion anomalies, and deletion anomalies.

1. **What is a primary key?**

Primary key is a unique not null value of a table. It is used to ensure unique tuples.

1. **Which SQL statement can check table CUSTOMERS description?**

describe CUSTOMERS

Output:

Nome Nulo? Tipo

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CUSTOMERNUMBER NOT NULL NUMBER(38)

CUSTOMERNAME NOT NULL VARCHAR2(50)

CONTACTLASTNAME NOT NULL VARCHAR2(50)

CONTACTFIRSTNAME NOT NULL VARCHAR2(50)

PHONE NOT NULL VARCHAR2(50)

ADDRESSLINE1 NOT NULL VARCHAR2(50)

ADDRESSLINE2 VARCHAR2(50)

CITY NOT NULL VARCHAR2(50)

STATE VARCHAR2(50)

POSTALCODE VARCHAR2(15)

COUNTRY NOT NULL VARCHAR2(50)

SALESREPEMPLOYEENUMBER NUMBER(38)

CREDITLIMIT NUMBER(10,2)

1. **Please list five type of constraints.**

Primary key not null, unique, check, and foreign key.

1. **Please explain the function of the foreign key.**

A foreign key is used to enforces the relation between tables. It creates 1:M relationships between two tables.