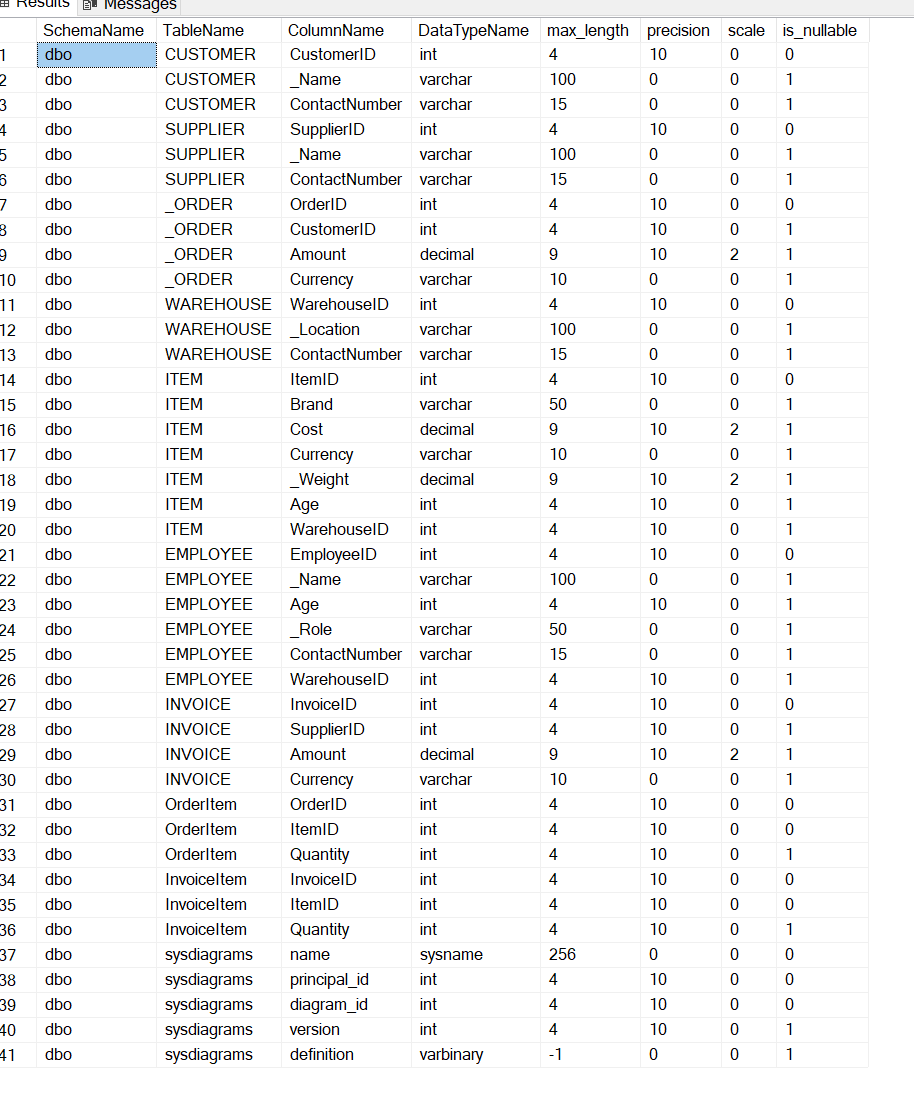
**4.1 Data/records in your table**

A screenshot of a computer

Description automatically generated

**4.2 Data Dictionary**



**4.3 All required queries and their outputs**

--Display all records from the CUSTOMER table

SELECT \* FROM CUSTOMER

A screenshot of a computer

Description automatically generated

--Display all records from the SUPPLIER table

SELECT \* FROM SUPPLIER;

A screenshot of a computer

Description automatically generated

-- Display all records from the \_ORDER table

SELECT \* FROM \_ORDER;

A screenshot of a table

Description automatically generated

-- Display all records from the WAREHOUSE table

SELECT \* FROM WAREHOUSE;

A screenshot of a computer

Description automatically generated

-- Display all records from the ITEM table

SELECT \* FROM ITEM;

A table with numbers and symbols

Description automatically generated

-- Display all records from the EMPLOYEE table

SELECT \* FROM EMPLOYEE;

A table of numbers and letters

Description automatically generated with medium confidence

-- Display all records from the INVOICE table

SELECT \* FROM INVOICE;

A screenshot of a computer

Description automatically generated

-- Display all records from the OrderItem table

SELECT \* FROM OrderItem;

A screenshot of a computer

Description automatically generated

-- Display all records from the InvoiceItem table

SELECT \* FROM InvoiceItem;

A screenshot of a computer

Description automatically generated

Adding DOB for customer:

-- Add the new column DOB to the CUSTOMER table

ALTER TABLE CUSTOMER ADD DOB DATE;

Updating all Customers:

-- Update DOB for all customers

UPDATE CUSTOMER

SET DOB = '1990-05-15' WHERE CustomerID = 101;

UPDATE CUSTOMER

SET DOB = '1985-10-20' WHERE CustomerID = 102;

UPDATE CUSTOMER

SET DOB = '1992-07-11' WHERE CustomerID = 103;

UPDATE CUSTOMER

SET DOB = '1988-01-30' WHERE CustomerID = 104;

UPDATE CUSTOMER

SET DOB = '1995-12-05' WHERE CustomerID = 105;

Updated Customer Table

A screenshot of a phone number

Description automatically generated

c.1

A screenshot of a computer

Description automatically generated

C.2

A screenshot of a computer

Description automatically generated

C.3

A screenshot of a computer

Description automatically generated

C.4

A screenshot of a computer

Description automatically generated

c.5

A screenshot of a computer

Description automatically generated

C6.

A screenshot of a computer

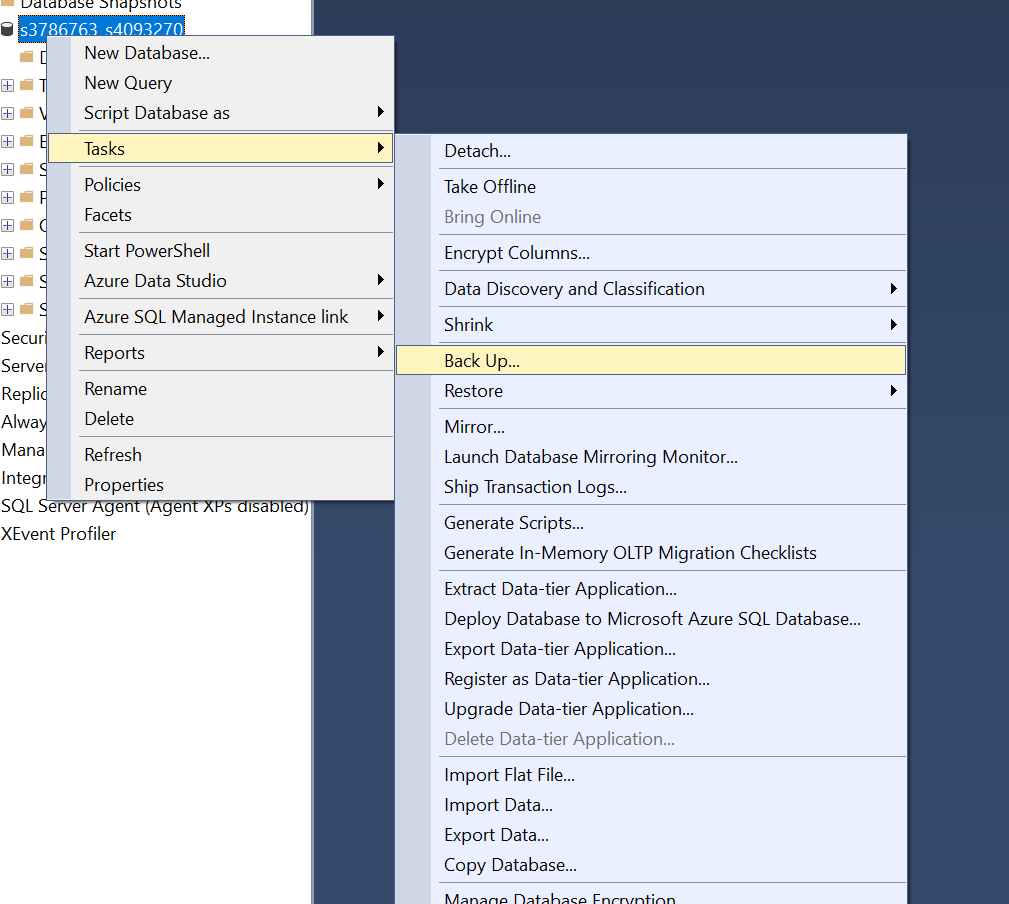
Description automatically generated

C7.

A screenshot of a computer message

Description automatically generated

4.4 Screenshots of Database Backup and Restore Process



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

4.5 Proof that your database is password protected (screenshot)

USE master;

GO

CREATE MASTER KEY ENCRYPTION BY PASSWORD = 'RMIT1234!';

GO

CREATE CERTIFICATE MyDatabaseCert WITH SUBJECT = 'My Database Encryption Certificate';

GO

USE s3786763\_s409470;

GO CREATE SYMMETRIC KEY MySymmetricKey WITH ALGORITHM = AES\_256 ENCRYPTION BY CERTIFICATE MyDatabaseCert;

OPEN SYMMETRIC KEY MySymmetricKey DECRYPTION BY CERTIFICATE MyDatabaseCert;

UPDATE CUSTOMER SET phoneNum = ENCRYPTBYKEY(KEY\_GUID('MySymmetricKey'), PhoneNum);

CLOSE SYMMETRIC KEY MySymmetricKey; GO

4.6 Team member responsibilities, communication, and participation

We kept in contact through whatsapp and in person meetings.

All tasks were checked by the other person not doing the task

|  |  |
| --- | --- |
| Task1 | Charles |
| Task2 | Daiyan |
| Task3 | Charles |
| Task4 | Daiyan |
|  |  |
|  |  |
|  |  |
|  |  |