# Data Model for Student Assessment

* The Student Assessment Data model created based on the snow flake Schema.
* The Student Assessment contains 1 fact tables and 11 dimensional tables.
* Below Flow chart containing the below following tables details.

The following tables are:-

1. Student\_Assessment
2. Student
3. Assessment
4. Assessment\_Comments
5. Comments
6. Comments\_Category
7. Assessment\_Notes
8. Achievement
9. Achievement\_Type
10. Staff
11. Staff\_Role
12. Address

Student

Student\_Id

Address\_Id

First\_Name

Middle\_Name

Last\_Name

Cell\_Mobile\_Number

Email\_address

Date\_first\_rental

Date\_left\_university

Other\_Student\_dtls

Achievement\_Type

Achieve\_Typ\_Cd

Achieve\_Typ\_Desc

Other\_Details

Student\_Assessment

Student\_Id

Assessment\_Id

Experied\_Ind

Crt\_On\_Dt

Crt\_By\_Nm

Sys\_vld\_Frm\_Dt

Sys\_vld\_To\_Dt

Address

Assessment\_Id

Line\_1

Line\_2

Line\_3

City

Zip\_Postcode

State

Country

Other\_Addrs\_Dtls

Achievement

Achievement\_Id

Student\_Id

Achieve\_Typ\_Cd

Date\_Achieve

Achieve\_Dtls

Other\_Details

Assessments

Assessment\_Id

Student\_Id

Date\_Assmnt\_Start

Date\_Assmnt\_End

Assemnt\_Summary

Assemnt\_Score

Recommendations

Other\_Details

Achievement\_Comments

Assessment\_Id

Comment\_Cd

Other\_Details

Comments

Comment\_Cd

Category\_cd

Comments\_Desc

Other\_Details

Comments\_Category

Category\_cd

Category\_Desc

Other\_Details

Assessement\_Notes

Session\_Id

Assessment\_Id

Staff\_Id

Date\_Of\_Session

Session\_Notes

Other\_Details

Staff\_Roles

Role\_Cd

Role\_Desc

Other\_Details

Staff

Staff\_Id

Address\_Id

Role\_Cd

First\_Name

Middle\_Name

Last\_Name

Gender

Cell\_Mobile\_Number

Email\_address

Other\_Details

# Data Model for Customers & Invoices

* The Customer & Invoice Data model created based on the snow flake Schema.
* The Customer & Invoice contains 1 fact tables and 12 dimensional tables.
* Below Flow chart containing the below following tables details.

The following tables are:-

1. Customers
2. Account
3. Orders
4. Invoices
5. Order\_Items
6. Invoice\_Line\_Items
7. Financial\_Transaction
8. Transaction\_Type
9. Product
10. Product\_Type
11. Supplier\_Details
12. Shipping\_Details
13. Delivered\_Details

Customers

Customer\_Id

Customer\_First\_Name

Customer\_Middle\_NameCustomer\_Last\_Name

Gender

Email\_address

Login\_Name

Login\_Password

Phone\_Num

Address\_Line\_1

Address\_Line\_2

Address\_Line\_3

Address\_Line\_4

Town\_City

State\_Country\_Province

Country

Other\_details

Orders

Order\_Id

Customer\_id

Date\_Order\_placed

Other\_details

Product\_type

Product\_Typ\_Cd

Parent\_Prd\_Typ\_Cd

Prd\_Typ\_Desc

Vat\_Rating

Other\_Prd\_Typ\_Dtls

Order\_Items

Order\_Item\_Id

Order\_Id

Product\_id

Product\_Qty

Other\_Order\_Dtls

Shipping\_Details

Shipping\_Id

Deliver\_Id

Type\_Typ\_Cd

Type\_Typ\_Nm

Mode\_Of\_Shipping

Couier\_Nm

Shipped\_Dt

Other\_Shipping\_Dtls

Invoice\_Line\_Items

Order\_Item\_Id

Inovice\_Num

Product\_Id

Shipping\_Id

Product\_title

Product\_Qty

Product\_Price

Derived\_Prd\_Cost

Derived\_Vat\_Payable

Derived\_Total\_Cost

Other\_Line\_Item\_Dtls

Accounts

Account\_Id

Customer\_Id

Date\_Acc\_Opend

Acc\_Nm

Other\_Acc\_Dtls

Transaction\_Type

Transaction\_Typ\_Cd

Transaction\_Typ\_Desc

Other\_Trns\_Dtls

Financial\_Transaction

Transaction\_Id

Account\_Id

Invioce\_Num

Trans\_typ\_Cd

Trans\_Dt

Tarns\_Amount

Trans\_Comment

Other\_Details

Delivered\_Details

Deliver\_Id

Product\_Id

Customer\_Id

Delivered\_By

Delivered\_Address

Delivered\_Dt\_Time

Delivered\_Items

Delivered\_Status

Other\_Details

Products

Product\_Id

Supplier\_Id

Product\_Typ\_Cd

Product\_Name

Product\_Price

Product\_Color

Product\_Size

Product\_Desc

Other\_Products\_Dtls

Invoices

Invoice\_Num

Order\_id

Invoice\_Dt

Other\_Invoice\_Dtls

Supplier\_Details

Supplier\_Id

Supplier \_By

Supplier\_Items

Supplier\_Dt\_Time

Supplier\_Status

Other\_Details