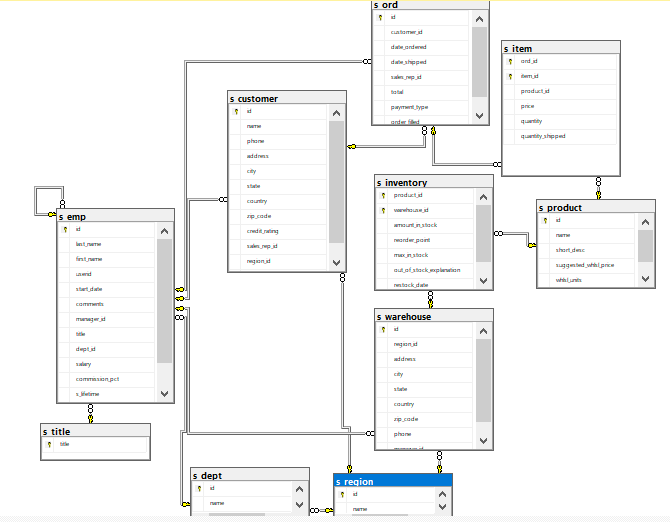
Soit la base de données



**S\_customer**

id varchar(3) Unchecked

name varchar(20) Unchecked

phone varchar(20) Unchecked

address varchar(20) Checked

city varchar(20) Checked

state varchar(15) Checked

country varchar(20) Checked

zip\_code varchar(15) Checked

credit\_rating varchar(9) Checked values(Excellent,Good,Poor)

sales\_rep\_id varchar(3) Checked

region\_id varchar(3) Checked

comments varchar(255) Checked

**S\_Region**

id varchar(3) Unchecked PK

name varchar(20) Unchecked

**S\_emp**

Id varchar (3) Unchecked PK

last\_name varchar(20) Unchecked

first\_name varchar(20) Checked

userid varchar(8) Unchecked UNIQUE

start\_date date Unchecked

comments varchar(255) Checked

manager\_id varchar(3) Checked

title varchar(25) Checked

dept\_id varchar(3) Checked

salary decimal(11, 2) Checked

commission\_pct decimal(4, 2) Checked Values(10, 12.5, 15, 17.5, 20)

s\_lifetime int Checked

commission decimal(18, 0) Checked

**S\_Inventory**

product\_id varchar(7) Unchecked PK

warehouse\_id varchar(7) Unchecked PK

amount\_in\_stock decimal(9, 0) Checked

reorder\_point decimal(9, 0) Checked

max\_in\_stock decimal(9, 0) Checked

out\_of\_stock\_explanation varchar(255) Checked

restock\_date date Checked

**S\_item**

ord\_id varchar(3) Unchecked PK

item\_id varchar(7) Unchecked

product\_id varchar(7) Unchecked PK

price decimal(11, 2) Checked

quantity decimal(9, 0) Checked

quantity\_shipped decimal(9, 0) Checked

**s\_ord**

id varchar(3) Unchecked PK

customer\_id varchar(3) Unchecked

date\_ordered date Unchecked

date\_shipped date Checked

sales\_rep\_id varchar(3) Checked

total decimal(11, 2) Checked

payment\_type varchar(6) Unchecked values(‘Cash’, ‘Credit’)

order\_filled varchar(1) Checked values(‘Y’,’N’)

**S\_product**

id varchar(7) Unchecked PK

name varchar(25) Unchecked

short\_desc varchar(255) Checked

suggested\_whlsl\_price decimal(11, 2) Checked

whlsl\_units varchar(10) Checked

**S\_region**

id varchar(3) Unchecked PK

name varchar(26) Unchecked

**S\_Title**

title varchar(25) Unchecked PK

**S\_warehouse**

id varchar(7) Unchecked PK

region\_id varchar(3) Unchecked

address varchar(20) Checked

city varchar(20) Checked

state varchar(15) Checked

country varchar(20) Checked

zip\_code varchar(15) Checked

phone varchar(20) Checked

manager\_id varchar(3) Checked

**S\_dept**

id varchar(3) Unchecked PK

name varchar(20) Unchecked

region\_id varchar(3) Checked

**Rq** : Uncheked = NULL is not allowed Checked=NULL is allowed

**Data**

*Voir Excel file*