Mapping OP

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Target Table | Target Column | Data-type | Source Table | Source Column | Data-type | Expression | Default Value if Null | Data Issues/Quality/Comments |
| Name of target table | Column in target table | Data type for this target column | Name of the Source table | Column in source table where you would get this data from | Data type for this source column | Decodes, aggregates, conversions, if statements, lookup functions…… | Value to use in target field when source field is null | Used to document Not null, value if looked up, upper case, pk, fk, etc…comments, issues |
| Order\_item | Order\_Item\_Id | INT |  |  |  |  | IDENTITY(1,1) | NOT NULL, PK |
| order\_id | INT | Order | Order\_id | INT |  |  | Not null, FK |
| product\_number | INT | Product | Product\_id | INT |  |  | NOT NULL, FK |
| quantity | SMALLINT | Order\_Details | Quantity | SMALLINT |  |  | NOT NULL |
| Sales\_Order\_Item | Quantity | INT |
| ship\_date | DATE | Sales\_Order\_Item | Ship\_date | DATETIME |  |  | NOT NULL |
| Price\_Each | FLOAT |  |  |  |  |  | NOT NULL |
| Product\_type | product\_type\_code | INT | Product\_Type | Product\_type\_code | INT |  | IDENTITY(1,1) | NOT NULL, PK |
| product\_line\_code | INT | Product\_Type | Product\_line\_code | INT |  |  | FK |
| product\_type\_en | VARCHAR(80) | Product\_Type | Product\_type\_en | NVARCHAR(50) |  |  | NOT NULL |
| Product\_line | product\_line\_code | INT | Product\_line | Product\_line\_code | INT |  | IDENTITY(1,1) | NOT NULL, PK |
| product\_line\_en | NVARCHAR(40) | Product\_line | Product\_line\_en | VARCHAR(80) |  |  | NOT NULL |
| Employee | emp\_id | INT | Sales\_Staff | Sales\_staff\_code | INT |  | IDENTITY(1,1) | NOT NULL, PK |
| Employee | Emp\_id | INT |
| emp\_firstname | VARCHAR(20) | Sales\_Staff | First\_Name | NVARCHAR(25) |  |  | NOT NULL |
| Employee | Emp\_fname | VARCHAR(255) |
| emp\_lastname | VARCHAR(20) | Sales\_Staff | Last\_name | NVARCHAR(30) |  |  | NOT NULL |
| Employee | Emp\_lname | VARCHAR(255) |
| street | VARCHAR(100) | Employee | Street | VARCHAR(255) |  |  |  |
| city | VARCHAR(30) | Employee | City | VARCHAR(255) |  |  |  |
| state | VARCHAR(2) | Employee | State | VARCHAR(255) |  |  |  |
| zip\_code | VARCHAR(10) | Employee | Zip\_Code | VARCHAR(255) |  |  |  |
| phone | VARCHAR(20) | Employee | Phone | VARCHAR(255) |  |  |  |
| status | VARCHAR(2) | Employee | Status | VARCHAR(255) |  |  |  |
| Employee | ss\_number | VARCHAR(10) | Employee | Ss\_number | VARCHAR(255) |  |  |  |
| start\_date | DATETIME | Sales\_Staff | Date\_Hired | DATETIME |  |  | NOT NULL |
| termination\_date | DATETIME | Employee | Termination\_date | VARCHAR(255) | Convert to datetime |  |  |
| birth\_date | DATETIME | Employee | Birth\_date | DATETIME |  |  | NOT NULL |
| bene\_health\_ins | CHAR | Employee | Bene\_Health\_ins | CHAR |  |  |  |
| bene\_life\_ins | CHAR | Employee | Bene\_Life\_Ins | CHAR |  |  |  |
| bene\_day\_care | CHAR | Employee | Bene\_day\_Care | CHAR |  |  |  |
| sex | CHAR | Employee | Sex | CHAR |  |  |  |
| salary | FLOAT | Employee | Salary | DOUBLE |  |  |  |
| phone\_work | VARCHAR(20) | Sales\_Staff | Work\_phone | NVARCHAR(20) |  |  |  |
| extension | VARCHAR(6) | Sales\_Staff | Extension | NVARCHAR(20) |  |  |  |
| fax | VARCHAR(20) |  |  |  |  |  |  |
| email | VARCHAR(50) | Sales\_Staff | Email | NVARCHAR(50) |  |  |  |
| cv | VARCHAR(50) |  |  |  |  |  |  |
| manager\_id | INT | Sales\_Staff | Manager\_code | INT |  |  | FK |
| Employee | Manager\_id | INT |
| pos\_numb | INT |  |  |  |  |  | NOT NULL, FK |
| branch\_code | INT |  |  |  |  |  | FK |
| Sales\_target | emp\_id | INT | Sales\_Target | Sales\_Staff | INT |  |  | NOT NULL, PK |
| sales\_year | SMALLINT | Sales\_Target | Sales\_Year | INT |  |  | NOT NULL, PK |
| sales\_period | INT | Sales\_Target | Sales\_Period | INT |  |  | NOT NULL, PK |
| retailer\_name | VARCHAR(50) | Sales\_Target | Retailer\_Name | NVARCHAR(50) |  |  | NOT NULL, FK |
| product\_number | INT | Sales\_Target | Product | INT |  |  | NOT NULL, PK |
| sales\_target | FLOAT | Sales\_Target | Sales\_Target | FLOAT |  |  | NOT NULL |
| retailer\_code | INT | Sales\_Target | Retailer\_Code | INT |  |  | NOT NULL, PK |
| Postion | pos\_numb | INT | JOB\_NUMBER | Jobs | INT |  | IDENTITY(1,1) | NOT NULL, PK |
| pos\_abbr | VARCHAR(50) | JOB\_ID | Jobs | VARCHAR(255) |  |  |  |
| pos\_title | VARCHAR(50) | JOB\_TITLE | Jobs | VARCHAR(255) |  |  |  |
| min\_salary | FLOAT | MIN\_SALARY | Jobs | INT |  |  |  |
| max\_salary | FLOAT | MAX\_SALARY | Jobs | INT |  |  |  |