**Relational Schema**

Customer (*customer\_id*: integer, *customer\_name*: string, *customer\_address\_street*: string,

*customer\_address\_city*: string, *customer\_address\_state*: string, *customer\_address\_zip*: string, *customer\_type*: string)

Customer\_Business (*customer\_id*: integer*,* *business\_category*: string, *business\_income*: integer)

Customer\_Home (*customer\_id*: integer, *marriage\_status*: string, *gender*: string, *age*: integer, *home\_income*: integer)

Accounts (*customer\_id*: integer, *balance*: double)

Salesperson (*emp\_id*: integer, *title*: string, *salary*: integer, *store\_id*: integer)

Store (*store\_id*: integer, *store\_name*: string, *store\_address\_street*: string, *store\_address\_city*: string,

*store\_address\_state*: string, *store\_address\_zip*: string, *manager*: integer, *number\_of\_salespersons*: integer, *region\_id*: integer)

Product (*product\_id*: integer, *product\_name*: string, *quantity*: integer, *price*: double, *unit\_cost*: double *product\_type*: string)

Region (*region\_id*: integer, *region\_name*: string, *region\_manager*: integer)

Transaction (*order\_id*: integer, *order\_date*: date, *emp\_id*: integer, *product\_id*: integer, *customer\_id*: integer, *product\_quantity*: integer, *sales\_amount*: double)

Employees (*emp\_id*: integer, *emp\_name*: string, *emp\_address\_street*: string, *emp\_address\_city*: string, *emp\_address\_state*: string, *emp\_address\_zip*: string, *email*: string)

Metadata (*table\_id*: integer, *table\_name*: string, *number\_of\_attributes*: integer, *number\_of\_foreign\_keys*: integer, *number\_of\_indexes*: integer)