**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*, customer\_type*: string, *business\_category*: string, *business\_income*: integer)

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

Salesperson (*salesperson\_id*: integer, *salesperson\_name*: string, *salesperson\_address\_street*: string, *salesperson\_address\_city*: string, *salesperson\_address\_state*: string, *salesperson\_address\_zip*: string, *email*: string, *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*: string, *number\_of\_salespersons*: integer, *region\_id*: integer)

Product (*product\_id*: integer, *product\_name*: string, *quantity*: integer, *price*: real, *product\_type*: string)

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

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

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