This is a reference to all my table attributes.

Shop

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| Attribute | Description |
| Shop\_id | Shop Id represents the unique attribute that links the inventory to the one and only shop it is in. |

Inventory

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| Attribute | Description |
| Inventory\_id PK | Inventory\_id is the identifier for the store’s only inventory. That id is unique and is used by the jewelry table, and the Administrator table for access rights. |
| Shop\_id FK | Shop\_id represents the unique attribute that links the inventory to the one and only shop it is in. It is used as a foreign key in this table. |

Jewelry

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| Attribute | Description |
| JY\_id PK | JY\_Id represents the individual piece of jewelry that exists in the inventory with a unique number. It’s a primary key to the jewelry table. |
| Inventory\_id FK | This represents the inventory the jewelry is placed in. There is only one inventory. It is a foreign key to the jewelry attribute. |
| Item\_Desc | This is to place the item description. The item description is there for a more generalized data format. |
| P\_Diamond\_type | This represents the primary type of diamond that is present in the piece of jewelry. The different types of diamonds come in Yellow, Blue, Black, Pink and its natural color. |
| P\_Diamond\_Color | This represents the Primary Diamond color. This color only applies to diamonds that are not artificially treated. The color scale varies from D-Z.  D is colorless, Z is really yellow. |
| P\_Diamond\_Cut | This represents the primary diamonds cut. The diamond can be cut into many different forms. For example, Princess Cut diamonds. |
| P\_Diamond\_Clarity | This represents the primary diamond clarity/inclusions. I2-Flawless is the scale. |
| P\_Diamond\_weight | This represents the primary diamond’s carat weight. |
| S\_Diamond | Everything in S\_diamond is identical in representation to the p\_diamond but it represents the secondary diamonds or the smaller diamonds that would be on a ring. |
| P\_Stone\_type | The jewelry can contain a gem stone that is not a diamond. This represents any gemstone that holds a primary position on the piece of jewelry. For example, it would be an Emerald. |
| P\_stone\_weight | The primary gemstone would also hold a carat weight. Ex. 2 carat |
| S\_stone | Everything is identical to P\_stone, but this would identify the secondary stones that are grouped together for simplification. |
| JY\_material | Represents the material of the jewelry. (Ex. Gold, Silver, Platinum) |
| JY\_mat\_weight | Represents the weight of the material in grams. (Ex. 5gms) |
| JY\_Gender | Represents what gender is the jewelry intended for. Male/Female/Gender Neutral. |
| JY\_Price | Represents the price of the jewelry item. |
| JY\_cost | Represents the true cost of the merchandise. |
| JY\_QOH | Represents the quantity on hand of the piece of jewelry |
| Sup\_id FK2 | This represents the supplier id and helps link back any piece of jewelry to its specific supplier. |

Supplier

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| Attribute | Description |
| Sup\_id PK | This is a primary key for the specific supplier of jewelry. This key is referenced in the Jewelry table. |
| Sup\_Fname | This is the supplier contact’s first name. |
| Sup\_L\_name | This is the supplier contact’s last name. |
| Sup\_Address | This is the supplier’s address. |
| Sup\_Phone | This is the supplier’s phone number. |
| Sup\_Email | This is the supplier’s email address. |

Sale\_Detail

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| Attribute | Description |
| Sale\_detail\_id PK | This represents the Primary key in the Sale\_detail table. This is what allows the database to find the specific sale details related to a purchase. |
| JY\_ID FK | This is a foreign key referencing the Jewelry table. It points to the exact piece of jewelry. |
| Sale\_Header\_Id | This links the detail table to the header that contains the customer, employee, and date related information. |
| JY\_price | This contains the price details for the individual pieces of jewelry. |
| Item\_desc | This contains the item description of the piece of jewelry. |
| Quantity | This represents the quantity of the item purchased. |

Sale\_header

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| Attribute | Description |
| Sale\_header\_id PK | This is the primary key to this table. It is referenced by the Sale\_detail table. |
| Sale\_detail\_id FK | This is the foreign key reference to the sale\_detail column |
| Employee\_id FK | This references the specific employee that made the sale. |
| Cus\_Id FK | This references the specific customer associated to the sale. |
| Sale\_date | This represents the date of the sale. |

Employee

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| --- | --- |
| Attribute | Description |
| Employee\_id PK | Represents the unique Primary key assigned to an employee |
| Employee\_Fname | Contains the first name of the employee |
| Employee\_Lname | Contains the last name given to the employee |
| Employee\_Address | Contains the address of the employee |
| Employee\_Phone | Contains the phone number of the emloyee |
| Employee\_Email | This contains the email address of the employee |

Customer

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| Attribute | Description |
| Cus\_id PK | This is a primary key to the specific customer. |
| Cus\_Fname | Contains the first name of the customer. |
| Cus\_Lname | Contains the last name of the customer. |
| Cus\_Email | Contains the email address of the customer. |
| Cus\_Phone | Contains the phone number of the customer. |
| Cus\_Address | Contains the address of the customer. |

Administrator

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| Attributes | Description |
| Admin\_id | This is the primary key to the table. Represents the admin who can access/edit the inventory. |
| Employee\_id | This is a foreign key that references the employee table. The admin has to be an employee at the store. |
| Inventory\_id | This is a foreign key referencing the inventory table. The inventory is accessed/altered by the administrator. |