|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| RoomReservationsFact | This table contains one row for each reservation. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_TimeID\_RV | Contains the foreign key from the TimeDim table. | Y | I | 9 | 0-999,999,999 | TI |
| C\_RoomReservationNum\_RV | Contains a unique value for each instance of the RoomReservationDim table. | Y | T | 50 | A-Z | RR |
| C\_CustomerID\_RV | Contains the foreign key from the RoomReservationDim table. | Y | I | 9 | 0-999,999,999 | RR |
| T\_RoomType\_RV | Contains the foreign key from the RoomReservationDim table. | Y | T | 50 | A-Z | RR |
| C\_RoomNum\_RV | Contains the foreign key from the RoomDim table. | Y | T | 10 | A-Z | RM |
| C\_ResortID\_RV | Contains the foreign key from the ResortDim table. | N | I | 9 | 0-999,999,999 | RS |
| C\_EventID\_RV | Contains the foreign key from the EventDim table. | N | I | 9 | 0-999,999,999 | EV |
| N\_TotalNumOfStays\_RV | Contains the total number of stays. | N | N | 4 | 0-9,999 |  |
| N\_TotalPrice\_RV | Contains the total price of all stays. | N | N | 6 | 0-999,999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| RoomTypeReservationsFact | This table contains one row for each room type reservation fact. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_TimeID\_TR | Contains the foreign key from the TimeDim table. | Y | I | 9 | 0-999,999,999 | TI |
| C\_RoomReservationNum\_TR | Contains a unique value for each instance of the RoomReservationDim table. | Y | T | 50 | A-Z | RR |
| T\_RoomType\_TR | Contains the foreign key from the RoomTypeDim table. | Y | T | 50 | A-Z | TR |
| C\_ResortID\_TR | Contains the foreign key from the ResortDim table. | N | I | 9 | 0-999,999,999 | RS |
| N\_TotalNumOfStays\_TR | Contains the total number of stays. | N | N | 4 | 0-9,999 |  |
| N\_TotalPrice\_TR | Contains the total price of all stays. | N | N | 6 | 0-999,999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| CustomerReservationsFact | This table contains one row for each customer reservation fact. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_TimeID\_CR | Contains the foreign key from the TimeDim table. | Y | I | 9 | 0-999,999,999 | TI |
| C\_CustomerID\_CR | Contains the foreign key from the CustomerDim table. | Y | I | 9 | 0-999,999,999 | CU |
| C\_ResortID\_CR | Contains the foreign key from the ResortDim table. | N | I | 9 | 0-999,999,999 | RS |
| N\_TotalNumOfStays\_CR | Contains the total number of stays. | N | N | 4 | 0-9,999 |  |
| N\_TotalPrice\_CR | Contains the total price of all stays. | N | N | 6 | 0-999,999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| EventReservationsFact | This table contains one row for each event reservation fact. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_TimeID\_ER | Contains the foreign key from the TimeDim table. | Y | I | 9 | 0-999,999,999 | TI |
| C\_EventID\_ER | Contains the foreign key from the EventDim table. | Y | I | 9 | 0-999,999,999 | EV |
| C\_ResortID\_ER | Contains the foreign key from the ResortDim table. | N | I | 9 | 0-999,999,999 | RS |
| N\_TotalNumOfStays\_ER | Contains the total number of stays. | N | N | 4 | 0-9,999 |  |
| N\_TotalPrice\_ER | Contains the total price of all stays. | N | N | 6 | 0-999,999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| TimeDim | This table contains one row for each time record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_TimeID\_TI | Contains a unique value for each instance of the TimeDim table. | Y | I | 9 | 0-999,999,999 |  |
| N\_TimeYear\_TI | Contains the year of the record. | N | I | 6 | 0-999,999 |  |
| N\_TimeQuarter\_TI | Contains the quarter of the record. | N | I | 1 | 1-4 |  |
| N\_TimeMonth\_TI | Contains the month of the record. | N | I | 2 | 1-12 |  |
| T\_TimeDay\_TI | Contains the day of the record. | N | T | 50 | A-Z |  |
| D\_ClockTime\_TI | Contains the full clock time. | N | D | 10 | 01-01-1000, 12-31-9999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| RoomDim | This table contains one row for each room record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_RoomNum\_RM | Contains a unique value for each instance of the RoomDim table. | Y | T | 10 | A-Z |  |
| C\_FloorNumber\_RM | Contains the foreign key from the FloorDim table. | Y | I | 9 | 0-999,999,999 | FL |
| C\_WingCode\_RM | Contains the foreign key from the WingDim table. | Y | T | 10 | A-Z | WG |
| C\_RoomType\_RM | Contains the foreign key from the RoomTypeDim table. | N | T | 50 | A-Z | RT |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| RoomTypeDim | This table contains one row for each room type record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_RoomType\_RT | Contains a unique value for each instance of the RoomTypeDim table. | Y | T | 50 | A-Z |  |
| N\_RoomPrice\_RT | Contains the price of each room type. | N | N | 6 | 0-999,999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| RoomReservationDim | This table contains one row for each room reservation record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_RoomReservationNum\_RR | Contains a unique value for each instance of the RoomReservationDim table. | Y | T | 50 | A-Z |  |
| C\_CustomerID\_RR | Contains the foreign key from the CustomerDim table | Y | I | 9 | 0-999,999,999 | CU |
| C\_RoomType\_RR | Contains the foreign key from the RoomTypeDim table | Y | T | 50 | A-Z | RT |
| D\_ArrivalDate\_RR | Contains reservation’s arrival date. | N | D | 10 | 01-01-1000, 12-31-9999 |  |
| D\_DepartureDate\_RR | Contains reservation’s departure date. | N | D | 10 | 01-01-1000, 12-31-9999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| FloorDim | This table contains one row for each floor record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_FloorNumber\_FL | Contains a unique value for each instance of the FloorDim table. | Y | I | 9 | 0-999,999,999 |  |
| C\_BuildingID\_FL | Contains the foreign key from the BuildingDim table. | Y | I | 9 | 0-999,999,999 | BU |
| C\_WingCode\_FL | Contains the foreign key from the WingDim table. | Y | T | 10 | A-Z | WG |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| WingDim | This table contains one row for each wing record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_WingCode\_WG | Contains a unique value for each instance of the FloorDim table. | Y | T | 10 | A-Z |  |
| C\_BuildingID\_WG | Contains the foreign key from the BuildingDim table. | Y | I | 9 | 0-999,999,999 | BU |
| T\_WingName\_WG | Contains the name for each wing. | N | T | 50 | A-Z |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| BuildingDim | This table contains one row for each building record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_BuildingID\_BU | Contains a unique value for each instance of the BuildingDim table. | Y | I | 9 | 0-999,999,999 |  |
| T\_BuildingName\_BU | Contains the name for each building. | N | T | 50 | A-Z |  |
| T\_BuildingDescription\_BU | Contains the description for each building. | N | T | 255 | A-Z |  |
| C\_ResortID\_BU | Contains the foreign key from the ResortDim table. | N | I | 9 | 0-999,999,999 | RS |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| ResortDim | This table contains one row for each resort record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_ResortID\_RS | Contains a unique value for each instance of the ResortDim table. | Y | I | 9 | 0-999,999,999 |  |
| T\_ResortName\_RS | Contains resort’s name. | N | T | 50 | A-Z |  |
| T\_StreetAddress\_RS | Contains resort’s street address. | N | T | 255 | A-Z |  |
| C\_CityName\_RS | Contains the foreign key from the CityDim table. | N | T | 50 | A-Z | CI |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| CityDim | This table contains one row for each city record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_CityName\_CI | Contains a unique name for each instance of the CityDim table. | Y | T | 50 | A-Z |  |
| C\_ZipCode\_CI | Contains a unique zip code for each instance of the CityDim table. | Y | T | 50 | A-Z |  |
| T\_State\_CI | Contains city’s region. | N | T | 50 | A-Z |  |
| C\_RegionID\_CI | Contains the foreign key from the RegionDim table. | N | I | 9 | 0-999,999,999 | RG |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| RegionDim | This table contains one row for each region record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_RegionID\_RG | Contains a unique name for each instance of the RegionDim table. | Y | I | 6 | 0-999,999 |  |
| T\_RegionName\_RG | Contains city’s region. | N | T | 50 | A-Z |  |
| C\_CountryCode\_RG | Contains the foreign key from the CountryDim table. | N | T | 5 | A-Z | CO |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| CountryDim | This table contains one row for each country record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_CountryCode\_CO | Contains a unique name for each instance of the CountryDim table. | Y | T | 5 | A-Z |  |
| T\_CountryName\_CO | Contains country’s name. | N | T | 50 | A-Z |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| EventDim | This table contains one row for each event record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_EventID\_EV | Contains a unique value for each instance of the EventDim table. | Y | I | 9 | 0-999,999,999 |  |
| T\_EventDescription\_EV | Contains event’s description. | N | T | 255 | A-Z |  |
| D\_EventStartDate\_EV | Contains event’s start date. | N | D | 10 | 01-01-1000, 12-31-9999 |  |
| D\_EventEndDate\_EV | Contains event’s end date. | N | D | 10 | 01-01-1000, 12-31-9999 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| CustomerDim | This table contains one row for each customer record. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_CustomerID\_CU | Contains a unique value for each instance of the CustomerDim table. | Y | I | 9 | 0-999,999,999 |  |
| T\_CustomerFirstName\_CU | Contains customer’s first name. | N | T | 50 | A-Z |  |
| T\_CustomerLastName\_CU | Contains customer’s last name. | N | T | 50 | A-Z |  |
| T\_CustomerMiddleName\_CU | Contains customer’s middle name. | N | T | 50 | A-Z |  |
| T\_CustomerAddress\_CU | Contains customer’s address. | N | T | 255 | A-Z |  |
| I\_CustomerPhoneNumber\_CU | Contains customer’s phone number. | N | T | 50 | A-Z |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Description** |  |  |  |  |  |
| CustomerAffiliationDim | This table contains one row for each instance of a customer attending an event. |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Attribute Name** | **Attribute Description** | **PK** | **Data Type** | **Width** | **Range of Values** | **FK  Table** |
| C\_CustomerID\_CA | Contains the foreign key from the CustomerDim table. | Y | I | 9 | 0-999,999,999 | CU |
| C\_EventID\_CA | Contains the foreign key from the EventDim table. | Y | I | 9 | 0-999,999,999 | EV |