AIRPORT

|  |  |  |
| --- | --- | --- |
| AirportCode | Name | City |

FLIGHT

|  |  |  |
| --- | --- | --- |
| Number | Weekdays | Airline |

CANLAND

|  |  |  |
| --- | --- | --- |
| AirportCode | TypeName | Quantity |

AIRPLANETYPE

|  |  |  |
| --- | --- | --- |
| TypeName | Max-Seats | Company |

AIRPLANE

|  |  |  |
| --- | --- | --- |
| AirplaneID | TypeName | Total\_no\_of\_seats |

FLIGHTLEG

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| FlightNumber | LegNo | DeptAirportCode | ArrvAirportCode | SchDeptime | ScheArrTime |

LEGINSTANCE

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LegNo | FlightNumber | LegDate | No-of-avail- | ArrvAirportCode | DeprtAirpotCode | DeptTime | ArrTime | AirplaneID |

FARE

|  |  |  |  |
| --- | --- | --- | --- |
| FlightNumber | Code | Amount | Restrictions |

SEAT

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SeatNo | Flight Number | LegNo | LegDate | CustomerName | CPhone Code |

Table: AIRPORT

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| AirportCode | Char(3) | NOT NULL | Primary Key |
| Name | VarChar(31) | NOT NULL |  |
| City | Char(15) | NOT NULL |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table: AIRPLANE

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| AirplaneID | Char(10) | NOT NULL | Primary Key |
| TypeName | VarChar(15) | NOT NULL |  |
| Total\_no\_of\_seats | INT | NOT NULL |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table: AIRPLANETYPE

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| TypeName | VarChar(10) | NOT NULL | Primary Key |
| Max-Seats | INT | NOT NULL |  |
| Company | VarChar(10) | NOT NULL |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

FLIGHT

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| Number | INT | NOT NULL | Primary Key |
| Weekdays | VarChar(10) | NOT NULL |  |
| Airline | VarChar(10) | NOT NULL |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

CANLAND

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| AirportCode | Char(3) | NOT NULL | Primary Key |
| TypeName | VarChar(10) | NOT NULL | Foreign Key |
| Quantity | INT |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

FLIGHTLEG

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| FlightNumber | INT | NOT NULL | Primary Key |
| LegNo | INT | NOT NULL | Foreign Key |
| DeptAirportCode | Char(3) | NOT NULL |  |
| ArrvAirportCode | Char(3) | NOT NULL |  |
| SchDeptime | INT | NOT NULL |  |
| SchArrTime | INT | NOT NULL |  |

LEGINSTANCE

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| LegNo | INT | NOT NULL | Primary Key |
| FlightNumber | INT | NOT NULL | Foreign Key |
| LegDate | VarChar(10) | NOT NULL | Foreign Key |
| No-of-avail- | INT | NOT NULL |  |
| ArrvAirportCode | Char(3) | NOT NULL |  |
| DeprtAirpotCode | Char(3) | NOT NULL |  |
| DeptTime | int | NOT NULL |  |
| ArrTime | Int | NOT NULL |  |
| AirplaneID | VarChar(10) | NOT NULL |  |

FARE

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| FlightNumber | VarChar(10) | NOT NULL | Primary Key |
| Code | INT | NOT NULL | Foreign Key |
| Amount | INT | NOT NULL |  |
| Restrictions | VarChar(10) |  |  |
|  |  |  |  |
|  |  |  |  |

SEAT

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute Name** | **Data Type** | **Indicated Not NULL as needed** | **Primary Key/Foreign Key** |
| SeatNo | INT | NOT NULL | Primary Key |
| Flight Number | INT | NOT NULL | Foreign Key |
| LegNo | INT | NOT NULL | Foreign Key |
| LegDate | VarChar(10) | NOT NULL | Foreign Key |
| CustomerName | VarChar(31) | NOT NULL |  |
| CPhone Code | INT | NOT NULL |  |