**Table: airports\_data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term** | **Data Type** | **Description** | **Accepts Null** | **Unique** | **Used as Partition** |
| icao\_code | string | A four-letter code that is used by air traffic control (ATC) systems when the airport does not have an IATA code. | Yes | Yes | No |
| iata\_code | string | A three-letter code which used in passenger reservation, ticketing, and baggage-handling systems. | Yes | Yes | No |
| name | string | Airport name | No | Yes | No |
| type | string | Size of airport, e.g., small, medium or large | Yes | No | No |
| municipality | string | A city or town that has a corporate status and local government. Location of the airport. | No | No | No |
| state | string | United States state where the airport is located. | No | No | Yes |
| faa\_code | string | Three-to-five alphanumeric code which identifies aviation-related facilities inside the United States. | No | Yes | No |
| latitude | float | Geographic coordinate that specifies the north-south position of a point corresponding to the airport’s location. | Yes | No | No |
| longitude | float | Geographic coordinate that specifies the east-west position of a point corresponding to the airport’s location. | Yes | No | No |
| elevation\_ft | integer | The vertical distance from the sea level. Measured in feet. | Yes | No | No |

**Table: cities\_data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term** | **Data Type** | **Description** | **Accepts Null** | **Unique** | **Used as Partition** |
| city | string | Name of U.S. city | No | No | No |
| state | string | Name of U.S. state | No | No | Yes |
| median\_age | float | The median age of residents (in years) | Yes | No | No |
| male\_pop | integer | Population of males | Yes | No | No |
| female\_pop | integer | Population of females | Yes | No | No |
| total\_pop | integer | Total city population | Yes | No | No |
| num\_veterans | integer | Number of veterans living in the city | Yes | No | No |
| num\_foreigners | integer | Number of foreigners living in the city | Yes | No | No |
| avg\_household\_size | integer | Average household size | Yes | No | No |
| state\_code | integer | Two-letter U.S. state code | Yes | No | No |
| native\_american\_pop | integer | The population of Native Americans | Yes | No | No |
| asian\_pop | integer | Population of Asians | Yes | No | No |
| black\_american\_pop | integer | The population of Black Americans | Yes | No | No |
| hispanic\_pop | integer | Population of Hispanics | Yes | No | No |
| white\_pop | integer | Population of Caucasians | Yes | No | No |

**Table: weather\_data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term** | **Data Type** | **Description** | **Accepts Null** | **Unique** | **Used as Partition** |
| date | string | Month and year temperature was recorded. | No | No | No |
| avg\_daily\_temp | float | Average monthly temperature, Measured in Celsius. | No | No | No |
| avg\_temp\_uncertainty | float | Average monthly temperature variance. Measured in Celsius. | Yes | No | No |
| city | string | U.S. city | No | No | No |
| month | integer | Two-digit month | No | No | No |
| year | integer | Four-digit year | No | No | Yes |
| latitude | float | Geographic coordinate that specifies the north-south position of a point corresponding to the airport’s location. | Yes | No | No |
| longitude | float | Geographic coordinate that specifies the east-west position of a point corresponding to the airport’s location. | Yes | No | No |

**Table: tourism\_data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term** | **Data Type** | **Description** | **Accepts Null** | **Unique** | **Used as Partition** |
| visit\_id | string | Unique identifier of every visit to the United States | No | Yes | No |
| citizen\_id | integer | A tourist’s unique identifier, e.g., social security number. | No | No | No |
| arrival\_yr | integer | Arrival year | No | No | Yes |
| arrival\_month | integer | Arrival month | No | No | Yes |
| citizen\_cntry\_code | integer | Numeric code for the country the tourist is a legal citizen. | No | No | No |
| citizen\_country | string | Name of the country where the tourist is a legal citizen. | Yes | No | No |
| residency\_cntry\_code | integer | Numeric code representing the country as to where the tourist legally resides. | No | No | No |
| residency\_country | string | Name of the country of where the tourist legally resides | Yes | No | No |
| airport | string | Unique airport ID, i.e., IATA or ICAO code | No | No | No |
| travel\_mode | string | Mode of transportation | No | No | No |
| airport\_state | string | Two-letter code for U.S. state | Yes | No | No |
| reason\_for\_travel | string | Reason for travel, e.g., business, pleasure, or student. | No | No | No |
| num\_people | integer | Number of people included in the visit. It’s more than one when people reside in the same home. | No | No | No |
| maritime\_status\_arrival | string | The status of the transportation vehicle upon arrival. | Yes | No | No |
| maritime\_status\_departure | string | The status of the transportation vehicle upon departure. | Yes | No | No |