|  |
| --- |
| **Dim\_Users** |
| **user\_id INTEGER NOT NULL**  **SORTKEY** |
| **first\_name VARCHAR NULL** |
| **last\_name VARCHAR NULL** |
| **gender VARCHAR NULL** |
| **level VARCHAR NULL** |

|  |
| --- |
| **Dim\_Time** |
| **start\_time TIMESTAMP NOT NULL SORTKEY** |
| **hour INTEGER NULL** |
| **day INTEGER NULL** |
| **week INTEGER NULL** |
| **month INTEGER NULL** |
| **year INTEGER NULL** |
| **weekday INTEGER NULL** |

|  |
| --- |
| **Fact\_ Songplays** |
| **songplay\_id INTEGER IDENTITY(0,1) NOT NULL**  **SORTKEY** |
| **start\_time TIMESTAMP NOT NULL** |
| **user\_id INTEGER NOT NULL** |
| **level VARCHAR NOT NULL** |
| **song\_id VARCHAR NOT NULL** |
| **artist\_id VARCHAR NOT NULL DISTKEY** |
| **session\_id INTEGER NOT NULL** |
| **location VARCHAR NULL** |
| **user\_agent VARCHAR NULL** |

|  |
| --- |
| **Dim\_Songs** |
| **song\_id VARCHAR NOT NULL SORTKEY** |
| **title VARCHAR NOT NULL** |
| **artist\_id VARCHAR NOT NULL** |
| **year INTEGER NOT NULL** |
| **duration FLOAT NOT NULL** |

|  |
| --- |
| **Dim\_Artists** |
| **artist\_id VARCHAR NOT NULL SORTKEY** |
| **name VARCHAR NULL** |
| **location VARCHAR NULL** |
| **latitude FLOAT NULL** |
| **longitude FLOAT NULL** |

|  |
| --- |
| **Staging Table : staging\_events** |
| **artist VARCHAR NULL** |
| **Auth VARCHAR NULL** |
| **firstName VARCHAR NULL** |
| **gender VARCHAR NULL** |
| **itemInSession INTEGER NULL** |
| **lastName VARCHAR NULL** |
| **length FLOAT NULL** |
| **level VARCHAR NULL** |
| **location VARCHAR NULL** |
| **method VARCHAR NULL** |
| **page VARCHAR NULL** |
| **registration FLOAT NULL** |
| **sessionId INTEGER NOT NULL** |
| **song VARCHAR NULL** |
| **status INTEGER NULL** |
| **ts BIGINT NOT NULL** |
| **userAgent VARCHAR NULL** |
| **userId INTEGER NULL** |

|  |
| --- |
| **Staging Table : staging\_songs** |
| **song\_id VARCHAR NOT NULL** |
| **artist\_id VARCHAR NOT NULL** |
| **artist\_latitude FLOAT NULL** |
| **artist\_longitude FLOAT NULL** |
| **artist\_location VARCHAR NULL** |
| **artist\_name VARCHAR NULL** |
| **duration FLOAT NULL** |
| **num\_songs INTEGER NULL** |
| **title VARCHAR NULL** |
| **year INTEGER NULL** |