**Data Dictionary**

Admin:

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| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Character Length** | **Constraint** | **Description** |
| Username | Varchar | - | 20 | Primary key | Username of twitter user |
| Tweet | Varchar | - | 280 | Not null | Tweet of user |
| Time | Integer | dd/mm/yy | - | Not null | Time of tweet |
| Twitter Handle | Varchar | - | 15 | Not null | @twitter\_handle |
| Password | Varchar | - | 20 | Not null | Password to sign in |
| Email ID | Varchar | - | 254 | Primary key, Unique | Email ID of user |
| System | Char | - | 50 | Not null | System used for tweeting |

Language:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Character Length** | **Constraint** | **Description** |
| English | Char | - | 280 | Not null | Language of tweet is English |
| Hindi | Char | - | 280 | Not null | Language of tweet is hindi |
| Gujarati | Char | - | 280 | Not null | Language of tweet is Gujarati |

Tweet:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Character Length** | **Constraint** | **Description** |
| Alphabets | Char | 280 | Not null | Alphabets used in tweet |
| Numbers | Integer | 280 | Not null | Numbers used in tweet |
| Special Symbols | Unicode | 280 | - | Special symbols like @, # used in tweet |
| Emojis | Unicode | 280 | - | Emojis like 😊, ☹ used in tweet |
| Emoticons | Char | 280 | - | Emoticons like :), :( used in tweet |

Sentiment:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Character Length** | **Constraint** | **Description** |
| Positive | Varchar | 280 | Not null | Describe positive sentiment |
| Negative | Varchar | 280 | Not null | Describe negative sentiment |
| Neutral | Varchar | 280 | Not null | Describe neutral sentiment |