Tables

- Tweets

- Users

- Replies

- QuoteRetweets

- Mentions

- Hashtags

Fields in Each Table

1. Tweets

- tweet_id (Primary Key): Unique ID of the tweet

- user_id: ID of the user who posted it

- tweet_text: Content of the tweet

- created_at: Time and date it was posted

- like_count: Number of likes

- retweet_count: Number of retweets

- view_count: Number of views

2. Users

- user_id (Primary Key): Unique ID of the user

- user_name: Full name of the user

- user_handle: Twitter username (e.g., @CommBank)

- is_verified: True/False if the account is verified

- follower_count: Number of followers

3. Replies

- reply_id (Primary Key): Unique ID of the reply

- tweet_id: ID of the original tweet

- user_id: ID of the user replying

- reply_text: Content of the reply

- created_at: Time the reply was posted

4. QuoteRetweets

- quote_id (Primary Key): Unique ID of the quote tweet

- tweet_id: ID of the original tweet

- user_id: ID of the user quoting

- quote_text: Content of the quote

- created_at: Time it was posted

5. Mentions

- mention_id (Primary Key): Unique ID of the mention

- tweet_id: ID of the tweet where the mention appears

- mentioned_user_id: ID of the user who was mentioned

6. Hashtags

- hashtag_id (Primary Key): Unique ID for the hashtag entry

- tweet_id: ID of the tweet using the hashtag

- hashtag_text: Text of the hashtag (e.g., #banking)

Relationships Between Tables

1. Tweets → Users: Each tweet belongs to one user. A user can have many tweets.

2. Replies → Tweets & Users: Each reply connects to one tweet and one user.

3. QuoteRetweets → Tweets & Users: Each quote tweet links back to one original tweet and one user.

4. Mentions → Tweets & Users: Each mention ties a tweet to a mentioned user.

5. Hashtags → Tweets: Hashtags are linked to tweets. A tweet can have multiple hashtags.