**Tables and Fields:**

**Tweets** (Stores all original tweets from @CommBank)

*tweet\_id* (Primary Key) – Unique identifier for each tweet

*user\_id* (Foreign Key) – References Users table

*content* – Text content of the tweet

*timestamp* – Date and time of the tweet

*media\_url* – Link to any attached media (optional)

*retweet\_count* – Number of retweets

*like\_count* – Number of likes

*reply\_count* – Number of replies

*quote\_count* – Number of quote retweets

**Users** (Stores information about users who engage with tweets)

*user\_id* (Primary Key) – Unique identifier for each user

*username – Twitter handle*

*display\_name* – Full name of the user

*profile\_image\_url*– Link to the user’s profile image

*verified*– Boolean flag indicating verification status

*followers\_count*– Number of followers

*following\_count*– Number of accounts the user follows

*account\_created\_at*– Date when the account was created

**Replies** (Stores replies to tweets)

*reply\_id* (Primary Key) – Unique identifier for each reply

*tweet\_id* (Foreign Key) – References the original Tweet

*user\_id* (Foreign Key) – References Users table

*content*– Text content of the reply

*timestamp*– Date and time of the reply

**QuoteRetweets** (Stores quote retweets)

*quote\_id* (Primary Key) – Unique identifier for each quote retweet

*tweet\_id* (Foreign Key) – References the original Tweet

*user\_id* (Foreign Key) – References Users table

*content*– Text content of the quote retweet

*timestamp*– Date and time of the quote retweet

**Mentions** (Stores direct mentions of @CommBank)

*mention\_id* (Primary Key) – Unique identifier for each mention

*tweet\_id* (Foreign Key) – References Tweets table

*user\_id* (Foreign Key) – References Users table

*content*– Text content of the mention

*timestamp*– Date and time of the mention

**Primary Keys and Relationships:**

The Tweets table has *tweet\_id* as its primary key.

The Users table has *user\_id* as its primary key.

The Replies table has *reply\_id* as its primary key and links to *tweet\_id* and *user\_id*.

The QuoteRetweets table has *quote\_id* as its primary key and links to *tweet\_id* and *user\_id*.

The Mentions table has *mention\_id* as its primary key and links to *tweet\_id* and *user\_id*.