

Tests

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Views

UserPostsView

Funktionierendes Beispiel:

```
SELECT *  
FROM UserPostsView  
WHERE username = 'Adria C. Manning';
```

Nicht funktionierendes Beispiel

```
SELECT *  
FROM UserPostsView  
WHERE username = 'Donald Duck';
```

All_user_activity

Funktionierendes Beispiel:

```
SELECT *  
FROM All_user_activity  
ORDER BY post_count + retweet_count + share_count + comment_count + like_count  
DESC;
```

Search_Hashtag

Beispiel:

```
SELECT *  
FROM Search_Hashtag  
WHERE hashtag_text = '#LustrousLagoon'  
ORDER BY hashtag_text;
```

SentimentView

Beispiel:

```
select * from SentimentView  
ORDER BY Sentiment_score DESC;
```

HashtagsView

Beispiel:

```
SELECT * FROM HashtagsView  
ORDER BY hashtag_count DESC;
```

HashtagsTOP20View

Beispiel:

```
SELECT * FROM HashtagsTOP20View  
ORDER BY hashtag_count DESC;
```

Trigger

trg_UpdatePost

Beispiel:

```
SELECT *  
FROM All_user_activity  
WHERE USER_ID = '339'  
ORDER BY post_count + retweet_count + share_count + comment_count + like_count DESC;
```

Danach ein Insert:

```
INSERT INTO [post] (user_id, post_text, post_date, post_location)  
VALUES  
(339, 'Hallo Welt', '27.1.2023', 'Shetland')
```

Nun nochmal testen ob es upgedatet wurde:

```
SELECT *  
FROM All_user_activity  
WHERE USER_ID = '339'  
ORDER BY post_count + retweet_count + share_count + comment_count + like_count DESC;
```

Prozeduren

AddUser:

Funktionierendes Beispiel:

```
EXEC AddUser
  @username = 'Testname',
  @first_name = 'test_firstname',
  @last_name = 'test_lastname',
  @email = 'test@justatest.com',
  @location = 'Testcity',
  @account_created = '2023-01-01';
```

Nicht funktionierende Beispiele:

Username Bereits vergeben:

```
EXEC AddUser
  @username = 'Sage B. Conner',
  @first_name = 'test_firstname',
  @last_name = 'test_lastname',
  @email = 'test@justatest.com',
  @location = 'Testcity',
  @account_created = '2023-01-01';
```

E-Mail Bereits vergeben:

```
EXEC AddUser
  @username = 'Testname',
  @first_name = 'test_firstname',
  @last_name = 'test_lastname',
  @email = 'phasellus@outlook.couk',
  @location = 'Testcity',
  @account_created = '2023-01-01';
```

DeleteUserAndRelatedData

Funktionierendes Beispiel:

```
EXEC AddUser
  @username = 'Testname',
  @first_name = 'test_firstname',
  @last_name = 'test_lastname',
  @email = 'test@justatest.com',
  @location = 'Testcity',
  @account_created = '2023-01-01';
```

```
EXEC DeleteUserAndRelatedData
  @user_id = 501;
```

Nicht Funktionierendes Beispiel:

```
EXEC DeleteUserAndRelatedData
  @user_id = 598798;
```

CalculateAndInsertSentiment

Siehe trg_UpdatePost.

Funktionen

GetUserActivityByUsername

Funktionierendes Beispiel:

```
SELECT * FROM GetUserActivityByUsername('Rylee T. Parks')
```

Nicht Funktionierendes Beispiel:

```
SELECT * FROM GetUserActivityByUsername('Donald Duck')
```

(resultiert in einer leeren tabelle)

GetAllUserActivity

Beispiel:

```
SELECT * FROM GetAllUserActivity()  
ORDER BY UserName
```

GetUserActivityCount

Beispiel:

```
SELECT  
u.user_id,  
u.username,  
dbo.GetUserActivityCount(u.user_id) AS activity_count_total  
FROM  
[user] u  
ORDER BY activity_count_total DESC;
```

sf_Anzahl_comments

```
SELECT dbo.sf_Anzahl_comments (10, '2023-07-01') AS Anzahl_Comment;
```