

Phase 2 DBMS project

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Codename: Tronald Drump

Views of Data

View 1: Computes a join of at least three tables

View 2: Uses nested queries with the ANY or ALL operator and uses a GROUP BY clause

View 3: A correlated nested query

View 4: Uses a FULL JOIN

View 5: Uses nested queries with any of the set operations UNION, EXCEPT, or INTERSECT

View 6: Computes average retweets count

```
SELECT AVG (Retweet_Count)
```

```
FROM Filter, Tweet
```

```
WHERE Text_ID = Tweet.Text_ID
```

View 7: Computes highest reply count

```
SELECT COUNT (DISTINCT Reply_Count)
```

```
FROM Filter
```

View 8: Finds highest amount of tweets in a single day

```
SELECT COUNT (DISTINCT Text_ID)
```

```
FROM Tweet
```

```
GROUP BY DateCreated
```

View 9: Shows first tweet, and latest tweet

```
SELECT TOP 1 *
```

```
FROM Tweet
```

```
ORDER BY DateCreated DESC
```

```
SELECT TOP 1 *
```

```
FROM Tweet
```

```
ORDER BY DateCreated ASC
```

View 10: Count total tweets

```
SELECT COUNT (Text_ID)
```

```
From Tweet
```