

## **Hive Commands:**

### **Table Creation:**

create external table Sentiment\_Calculator (date string, text string, positive int, negative int, neutral int,total int)  
row format delimited fields terminated by ':'  
location '/user/sp5333/project/final/analysis/';

### **Calculating overall reviews:**

#### **#Before Release:**

select sum(positive) as positive\_reviews,sum(negative) as negative\_reviews,sum(neutral) as neutral\_reviews,sum(total) as total from sentiment\_calculator where date between '2017-12-12' and '2018-10-04';

#### **#After Release:**

select sum(positive) as positive\_reviews,sum(negative) as negative\_reviews,sum(neutral) as neutral\_reviews,sum(total) as total from sentiment\_calculator where date between '2017-10-05' and '2018-12-12';

### **Calculating Overall Percentage:**

#### **#Before Release:**

select (sum(positive)/sum(total))\*100 as positive\_percentage\_before\_release, (sum(negative)/sum(total))\*100 as negative\_percentage\_before\_release, (sum(neutral)/sum(total))\*100 as neutral\_percentage\_before\_release from sentiment\_calculator where date between '2017-12-12' and '2018-10-04';

#### **#After Release:**

select (sum(positive)/sum(total))\*100 as positive\_percentage\_after\_release, (sum(negative)/sum(total))\*100 as negative\_percentage\_after\_release, (sum(neutral)/sum(total))\*100 as neutral\_percentage\_after\_release from sentiment\_calculator where date between '2017-10-05' and '2018-12-12';

### **Calculating Hype and actual Rating:**

#### **#Before Release:**

select (((sum(positive)/sum(total))\*100)+ ((sum(neutral)/sum(total))\*100))/10 as hype\_rating from sentiment\_calculator where date between '2017-12-12' and '2018-10-04';

#### **#After Release:**

select (((sum(positive)/sum(total))\*100)+ ((sum(neutral)/sum(total))\*100))/10 as actual\_rating from sentiment\_calculator where date between '2017-10-05' and '2018-12-12';