```sql
--The daily activities table is an agregated table. We can explore this data first to
make some statitical observations
SELECT DISTINCT Id
FROM `bellabeatcasestudy-373021.Bellabeat.daily_activity`;
--There are 33 distinct users
--Lets get a picture of the time frame
SELECT Distinct ActivityDate
FROM `bellabeatcasestudy-373021.Bellabeat.daily_activity`
ORDER BY ActivityDate ASC;
--The data was logged from 4/12/16 to 5/12/16
--Lets calculate some averages and alias the calculated fields
SELECT (AVG(TotalDistance)) AS AV_Total_Distance,(AVG(TotalSteps)) AS
Av_Total_Steps,(AVG(TrackerDistance)) AS Av_Tracker_Distance,
(AVG(LoggedActivitiesDistance)) AS Av_Logged_Act_Dist,(AVG(VeryActiveDistance)) AS
Av_Very_Act_Dist, (AVG(ModeratelyActiveDistance)) AS Av_Moderate_act_distance,
(AVG(LightActiveDistance)) AS Av_Light_Act_Dist,(AVG(SedentaryActiveDistance)) AS
Sed_Act_Distance, (AVG(VeryActiveMinutes)) AS Very_Act_Mins,(AVG(FairlyActiveMinutes))
AS Av_Fair_Act_Mins,(AVG(LightlyActiveMinutes)) AS
Av_Light_Act_Mins,(AVG(SedentaryMinutes)) AS Av_Sed_Act_Mins, (AVG(Calories)) AS
Av_Cals
FROM `bellabeatcasestudy-373021.Bellabeat.daily_activity`;
--Lets calulate some MAX figures
SELECT (MAX(TotalDistance)) AS Max_Total_Distance,(MAX(TotalSteps)) AS
Max_Total_Steps,(MAX(TrackerDistance)) AS Max_Tracker_Distance,
(MAX(LoggedActivitiesDistance)) AS Max_Logged_Act_Dist,(MAX(VeryActiveDistance)) AS
Max_Very_Act_Dist, (MAX(ModeratelyActiveDistance)) AS Max_Moderate_act_distance,
(MAX(LightActiveDistance)) AS Max_Light_Act_Dist,(MAX(SedentaryActiveDistance)) AS
Max_Sed_Act_Distance, (MAX(VeryActiveMinutes)) AS
Very_Act_Mins,(MAX(FairlyActiveMinutes)) AS
Max_Fair_Act_Mins,(MAX(LightlyActiveMinutes)) AS
Max_Light_Act_Mins,(MAX(SedentaryMinutes)) AS Sed_Act_Mins, (MAX(Calories)) AS
Max_Cals
FROM `bellabeatcasestudy-373021.Bellabeat.daily_activity`;
--Lets calculate some SUM figures
SELECT (SUM(TotalDistance)) AS SUM_Total_Distance,(SUM(TotalSteps)) AS
SUM_Total_Steps,(SUM(TrackerDistance)) AS SUM_Tracker_Distance,
(SUM(LoggedActivitiesDistance)) AS SUM_Logged_Act_Dist,(SUM(VeryActiveDistance)) AS
SUM_Very_Act_Dist, (SUM(ModeratelyActiveDistance)) AS SUM_Moderate_act_distance,
(SUM(LightActiveDistance)) AS SUM_Light_Act_Dist,(SUM(SedentaryActiveDistance)) AS
SUM_Sed_Act_Distance, (SUM(VeryActiveMinutes)) AS
Very_Act_Mins,(SUM(FairlyActiveMinutes)) AS
```

```
SUM_Fair_Act_Mins,(SUM(LightlyActiveMinutes)) AS
SUM_Light_Act_Mins,(SUM(SedentaryMinutes)) AS Sed_Act_Mins, (SUM(Calories)) AS
SUM_Cals
FROM `bellabeatcasestudy-373021.Bellabeat.daily_activity`;
--Lets sum the data
SELECT (SUM(TotalDistance)) AS SUM_Total_Distance,(SUM(TotalSteps)) AS
SUM_Total_Steps,(SUM(TrackerDistance)) AS SUM_Tracker_Distance,
(SUM(LoggedActivitiesDistance)) AS SUM_Logged_Act_Dist,(SUM(VeryActiveDistance)) AS
SUM_Very_Act_Dist, (SUM(ModeratelyActiveDistance)) AS SUM_Moderate_act_distance,
(SUM(LightActiveDistance)) AS SUM_Light_Act_Dist,(SUM(SedentaryActiveDistance)) AS
SUM_Sed_Act_Distance, (SUM(VeryActiveMinutes)) AS
Very_Act_Mins,(SUM(FairlyActiveMinutes)) AS
SUM_Fair_Act_Mins,(SUM(LightlyActiveMinutes)) AS
SUM_Light_Act_Mins,(SUM(SedentaryMinutes)) AS Sed_Act_Mins, (SUM(Calories)) AS
SUM_Cals
FROM `bellabeatcasestudy-373021.Bellabeat.daily_activity`;
--SUM the data by month, by user
SELECT SUM(Calories) AS Thirty_Day_Total_Cal,Id,SUM(TotalDistance) AS
Thirty_Day_Total_Dist
FROM `bellabeatcasestudy-373021.Bellabeat.daily_activity`
WHERE Calories >= 0
GROUP BY Id
ORDER BY Thirty_Day_Total_Cal DESC;
--We are now going to join a few tables to conduct an hourly/by minute analysis
```