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Lab 7

SELECT

vc\_User.UserName

, vc\_User.EmailAddress

, vc\_VidCast.vc\_VidCastID

FROM vc\_VidCast

JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

Order By vc\_User.UserName

-- Look for users who have not yet made any VidCasts

SELECT \* FROM vc\_User

WHERE vc\_UserID NOT IN (SELECT vc\_UserID FROM vc\_VidCast)

-- including all users

SELECT

vc\_User.UserName

, vc\_User.EmailAddress

, vc\_VidCast.vc\_VidCastID

FROM vc\_VidCast

RIGHT JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

Order By vc\_User.UserName

-- High level descriptive statistics for vc\_VidCast

SELECT

COUNT(vc\_VidCastID) as NumberOfVidCasts

, SUM(ScheduleDurationMinutes) as TotalScheduledMintues

, MIN(ScheduleDurationMinutes) as MinScheduledMinutes

, AVG(ScheduleDurationMinutes) as AvgScheduledMinutes

, MAX(ScheduleDurationMinutes) as MaxScheduledMinutes

FROM vc\_VidCast

SELECT vc\_User.UserName

, vc\_User.EmailAddress

, COUNT(vc\_VidCast.vc\_VidCastID) CountOfVidCasts

FROM vc\_VidCast

RIGHT JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

Group by

vc\_User.UserName

, vc\_User.EmailAddress

Order By CountOfVidCasts Desc, vc\_User.UserName

-- Our least prolific users

SELECT vc\_User.UserName

, vc\_User.EmailAddress

, COUNT(vc\_VidCast.vc\_VidCastID) CountOfVidCasts

FROM vc\_VidCast

RIGHT JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

Group by

vc\_User.UserName

, vc\_User.EmailAddress

HAVING COUNT(vc\_VidCast.vc\_VidCastID) < 10

Order By CountOfVidCasts Desc, vc\_User.UserName

-- Finding the time elapsed between two VidCast start and end times

SELECT

vc\_User.UserName

, vc\_User.EmailAddress

, SUM(DateDiff(n, StartDateTime, EndDateTime)) as SumActualDurationMinutes

, COUNT(vc\_VidCast.vc\_VidCastID) CountOfVidCasts

, MIN(DateDiff(n, StartDateTime, EndDateTime)) as MinActualDurationMinutes

, AVG(DateDiff(n, StartDateTime, EndDateTime)) as AvgActualDurationMinutes

, MAX(DateDiff(n, StartDateTime, EndDateTime)) as MaxActualDurationMinutes

FROM vc\_VidCast

RIGHT JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

JOIN vc\_Status ON vc\_Status.vc\_StatusID = vc\_VidCast.vc\_StatusID

WHERE vc\_Status.StatusText = 'Finished'

GROUP BY

vc\_User.UserName

, vc\_User.EmailAddress

ORDER BY CountOfVidCasts DESC, vc\_User.UserName