

Kendra Osburn
November 24, 2018
Lab 07

```
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
```

```
-- Lookin for users who have logged in but made no vidcasts
SELECT * FROM vc_User
WHERE vc_UserID NOT IN (SELECT vc_UserID FROM vc_VidCast)
```

```
-- selecting ALL users and learning about Right Joins!
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
```

```
-- lotsa descriptive stats for vidCast
SELECT
    COUNT(vc_VidCastID) as NumberOfVidCasts,
    SUM(ScheduleDurationMinutes) as TotalScheduledMinutes,
    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
```

```
-- users who are slacking!
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

```

-- number of minutes between start and end for finished vidCasts

```

SELECT
        vc_User.UserName,
        vc_User.EmailAddress,
        SUM(DateDiff(n, StartDateTime, EndDateTime)) as SumActualDurationMinutes,
        COUNT(vc_vidCast.vc_VidCastID) CountOfVidCasts,
FROM vc_VidCast
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 vc_User.UserName

```

-- Part 2: Putting it all Together

```

SELECT
        vc_User.UserName,
        vc_User.EmailAddress,
        SUM(DateDiff(n, StartDateTime, EndDateTime)) as SumActualDurationMinutes,
        COUNT(vc_vidCast.vc_VidCastID) CountOfVidCasts,
        MIN(ScheduleDurationMinutes) as MinScheduledMinutes,
        AVG(ScheduleDurationMinutes) as AvgScheduledMinutes,
        MAX(ScheduleDurationMinutes) as MaxScheduledMinutes
FROM vc_VidCast
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

```