12/12/2020
Lab 10

Using Microsoft Access to Connect to SQL Server

1. if we only provided a value for LoginLocation, how did the software know what to use for vc_UserLoginID and UserLoginTimestamp?

   The software knows that the time stamp is set to a default value so it automatically fills in the value with the current time because that's what had coded in our database.

2. Based on the behavior we saw and form/subform relationship, how did the software know which vc_UserID to use for the vc_UserLogin record?

   We had selected a certain userID in our form using the textbox so the software knows that is the UserID that should be used.

3. What are some of the pros and cons (at least 2 of each) to using Access to manage SQL Server data?

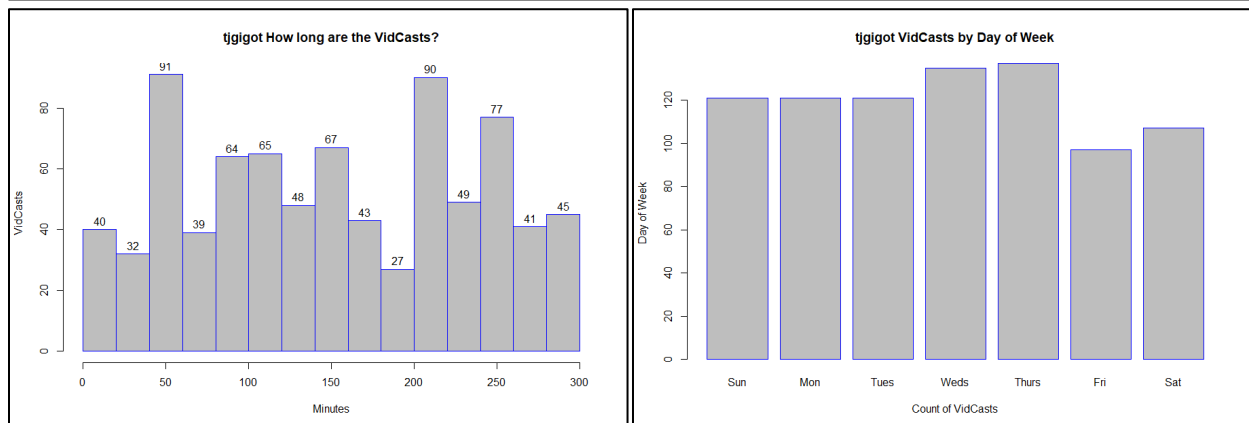   Cons: unwanted data changes, Access is an outdated tool

   Pros: user friendly, compatibility

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==Part 2 Using R to Connect to SQL Server==

vc_VidCastID	VidCastTitle	StartDayOfWeek	ActualDuration	ScheduleDurationMinutes	vc_UserID	UserName
1	1 Spiders Of Technology	7	245.000	35	34	program
2	2 Flowers Of Time	6	3757.634	81	57	archives
3	3 Insects Of Heaven	4	14.000	71	46	carpal
4	4 Children Of The Oceans	7	87.000	74	66	TheDoctor
5	5 Mice And Freaks	7	15.000	90	16	hills
6	6 Trains Of Medicine	4	29.000	67	18	chef
7	7 Signs With Style	3	130.000	77	46	carpal
8	8 Happy Nightmares	2	87.000	31	68	DnDGal
9	9 Cats Per Continent	4	130.000	15	32	guitar
10	10 Athletes Of The Rivers	3	144.000	35	62	humdrum
11	11 Planets Of Time	3	29.000	86	36	silly

1. In reference to the script in step 4, what does the SQL code on line 12 do?

   This takes the date and reformats it as a number of the day of the week from either 1-7 depending on what day it is

2. What is one way to simplify lines 8 through 19

   If we had created a view we could have just pulled from a view rather than having to code out the entire select statement