

Beverlyn Tucker

IST659-M406 Week1 Lab1

Part 1 – VidCast Database

To-do Initial brainstorming on the data we'll need to capture has created the "spreadsheet" below (See Table 1 – VidCast Datasheet at the end of this document). It is up to us to review this and find ways to improve it. On your answer sheet, identify at least 4 challenges to fitting this data into the relational data model. There may be more, so feel free to elaborate, but find at least 4. An example is "Not every row in the sheet has a user name

User Name	User Tags	Followers	Video Title	Video Tags	Stream Date	Video Duration	File Location
ChadOnData	Data, SQL, SQLServer	7	Running a Query	SQL Server, SQL	3/8/2018	43 minutes	/videos/12354.mp4
			Creating a database	SQL		22m	/videos/123.mp4
Tyrone Rugen	Machinery, Polydactyly	Prince Humperdink; Clergyman, Impressive	There's a lunatic following me	Help	April 1, 2018	5m	
Saul Hudson	Guitar, Rock	ChadOnData, Regind Dwight, Adam Neely	String changing exercises as hit songs	GnR, Gibson, Guitar, Msic Throey	3/7/2018	00:06	/videos/563456.mp4
Reginald Dwight	Piano, Soundtraqcks	15	England Rose	Princess, Tribute	18/3/2018	1 hour, 5 minutes, 16 seconds	/videos/7345.mp4
			Norma Jean	Starlet	20/2/2018	6 minutes, 12 seconds	/videos/9834.mp4
Charlie and the Biebs	Hoops, Basketball, MS SQL Server	67	God, Country, Boenheim Weekly	SU Orange, Basketball	3/8/2018, 3/15/2018, 3/22/2018	1hour 43 minutes	/videos/2345.mp4 /videos/2347.mp4 /videos/2346.mp4
Inigo Montoya	Revenge, Swordplay	Fezzik, Buttercup, Westley	The Six-Fingered Man: I found him	Revenge			

1. Followers are recorder integers and characters it would be better if record the number of followers
2. Third row and Fifth row there are missing information's under User Name, User Tags, Followers and Stream date this is inaccurate data.
3. Stream Date column the date are not standards one is written with Month character and the rest are written into integers and comma after year should be omitted. This coded standard way.

4. Video Duration is not standard It is captured by combining integers and characters together for instance 43 minutes this is not a good practice, next and missing video duration in the last row and Fifth row and sixth row the time is written this way 1 hour, 5 minutes, 16 seconds the same pattern in the sixth row it is hard to understand and very cluttered that would be great if is written in this format 01:05:16. That would be nice to see if it got captured by integers that way it is clean and neat.
5. File location there are two instances that location is captured

Part 2 – Diagramming with Draw.IO

