IST 659 Lab 1

Part 1: On your answer sheet, identify at least 4 challenges to fitting this data into the relational data model.

Sol:

1. Tags column contains lists which are difficult to parse through when having a “WHERE” statement.
2. Stream date has different formats which can make it difficult to find specific date ranges.
3. Since all file locations have the same local path, we should only be saving the file number to save space.
4. Followers column should only have numbers. Then we should create a table with the followers’ names and add a column where we can check who they follow instead of having a list of users.

Part 2: Follow these steps to create a basic ERD.

Sol:

