

IS 362 – Project 3

Your assignment involves combining information from a number of SQL tables, then displaying the information in a pandas DataFrame.

For your relational database management system, you may use any RDBMS, including MySQL, PostgreSQL, sqlite, or any of the other RDBMSs supported by the database in Step 1 below.

1. For your database, you should download and install the appropriate version of the Chinook database for your RDBMS, which is available here, under the downloads tab: <https://chinookdatabase.codeplex.com/>
2. Your task is to create a pandas DataFrame that displays Customers' Last Name and First Name, and each customer's purchased Track names and Album Titles. The information should be sorted by Customer LastName then Customer FirstName. The first five rows of your results should look like this:

	LastName	FirstName	Name	Title
0	Almeida	Roberto	Right Next Door to Hell	Sex Machine
1	Almeida	Roberto	In The Evening	Maquinarama
2	Almeida	Roberto	In The Evening	O Samba Poconé
3	Almeida	Roberto	Fool In The Rain	Maquinarama
4	Almeida	Roberto	Fool In The Rain	O Samba Poconé

When writing your SQL query, you may find it helpful to consult the provided Chinook data model here:

[https://chinookdatabase.codeplex.com/wikipage?title=Chinook Schema&referrerTitle=Documentation](https://chinookdatabase.codeplex.com/wikipage?title=Chinook+Schema&referrerTitle=Documentation).