INST327 – Assignment 2

Please import <u>version two of the iSchool database</u>. The script, attached in the assignment, will create a new database called iSchool_v2. Use iSchool_v2 database for this assignment.

Be sure you complete <u>both</u> questions.

Please consult the rubric and instruction sheets before starting the assignment. Usage of some keywords or structures (IF, IFNULL(), etc.) that are not allowed will result in point deductions. This is to test you on what we have taught you even though these keywords and structures may seem like an easier solution.

Q. 1) JOINS and UNION (50 points)

You must make use of the UNION keyword for this question. Write a query that replicates the result set shown below, matching all data and format aspects, including column headers. Course sections that are delivered via blended or online learning are combined into one type "Hybrid/Online". **(Remember to run the iSchool_v2.sql script attached in the assignment.)**

course_name	section_number	semester	course_description	delivery_type
INST314	0101	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	0102	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	0103	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	0106	Fall 2021	Statistics for Information Science	Hybrid/Online
INST314	01xx	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	0201	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	0202	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	0203	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	02xx	Fall 2021	Statistics for Information Science	Face-to-Face
INST314	ESG1	Fall 2021	Statistics for Information Science	Face-to-Face
INST326	0101	Fall 2021	Object-Oriented Programming for Information Science	Face-to-Face
INST326	0102	Fall 2021	Object-Oriented Programming for Information Science	Face-to-Face
INST326	0103	Fall 2021	Object-Oriented Programming for Information Science	Face-to-Face
INST326	ESG1	Fall 2021	Object-Oriented Programming for Information Science	Face-to-Face
INST327	0101	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	0102	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	0103	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	01xx	Spring 2022	Database Design and Modeling	Face-to-Face
INST327	01xx	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	0201	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	0202	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	0203	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	02xx	Spring 2022	Database Design and Modeling	Hybrid/Online
INST327	02xx	Fall 2021	Database Design and Modeling	Hybrid/Online
INST327	101	Spring 2022	Database Design and Modeling	Face-to-Face
INST327	102	Spring 2022	Database Design and Modeling	Face-to-Face
INST327	103	Spring 2022	Database Design and Modeling	Face-to-Face
INST327	201	Spring 2022	Database Design and Modeling	Hybrid/Online
INST327	202	Spring 2022	Database Design and Modeling	Hybrid/Online
INST327	203	Spring 2022	Database Design and Modeling	Hybrid/Online

178 rows returned. Only a subset is shown in this preview.

The first row has the values:
        "INST101", "0101", "Fall 2021", "Bits and Bytes[…]", "Face-to-Face".
The final row has the values:
        "INST888", "0101", "Fall 2021", "Doctoral Seminar", "Face-to-Face".

Q. 2) Special JOINs (50 points)

Write a query that replicates the result set shown below, matching all data and format aspects, including column headers. **(Remember to run the iSchool_v2.sql script attached in the assignment.)**

name	race	pronoun
Abby Garcia	Black or African American	they/them
Agostinho Neto	Black or African American	he/him
Aiko Ito	Asian	she/her
Ajak Hayek	NULL	she/her
Alain Locke	Black or African American	he/him
Alan Wierdak	NULL	he/him
Alberto Lambe	American Indian or Alaska Native	they/them
Alberto Lambe	American Indian or Alaska Native	xe/xem
Albrecht Ambrogetti	White	he/him
Almeria Abilowitz	White	she/her
Almira Bentke	American Indian or Alaska Native	she/her
Alphonso Beecker	White	he/him
America Chavez	Black or African American	she/her
Anders Jensen	White	he/him
Andres Rodriquez	White	xe/xem
Antonie Avramovsky	White	she/her
Ariella Basindale	Black or African American	she/her
Baby Yoda Grogu	NULL	ze/hir
Barbara Graham	NULL	she/her
Bastila Shan	NULL	she/her
Bernelle Yurchenko	White	she/her
Berri Alldred	Black or African American	ze/hir
Berri Alldred	Black or African American	they/them
Bertie D'Alesco	White	he/him
Bibby Oliveras	White	he/him
Blackagar Boltagon	Asian	he/him
Boba Fett	NULL	he/him
Cameron Benoix	White	he/him
Cameron Nixon	Black or African American	he/him
Camila Gonzalez	White	she/her

153 rows returned. Only a subset is shown in this preview.

The first row has the values:
  "Abby Garcia", "Black or African American", "they/them".
The final row has the value:
  "Zoe Martina", "White", "she/her".
Some people may appear more than once.