

DATA 225

Database Systems for Analytics

Fall 2023
Section 21
Instructor: Ron Mak

Assignment #11

Assigned: Monday, November 20
Due: Monday, November 27 at 5:30 pm
Team assignment, 100 points max

MongoDB

The purpose of this assignment is to give your team experience writing MongoDB queries from Python.

Recreate four of your database tables (operational, analytical, or both) as MongoDB collections. Add some sample documents to the collections.

Perform three queries with joins:

- with two collections
- with three collections
- with four collections

What to submit

Your Python notebook containing the queries.

Rubric

Criteria	Max points
MongoDB collections	
• #1	• 10
• #2	• 10
• #3	• 10
• #4	• 10
Queries	
• with two collections	• 20
• with three collections	• 20
• with four collections	• 20