part 1 - Join operations:

* Run an experiment comparing an equi-join and a non-equi join.

EQUI Join:

SELECT agents.agent\_name,customer.cust\_name, customer.cust\_city

FROM agents,customer

WHERE agents.working\_area=customer.cust\_city;

NON-EQUI Join:

SELECT a.ord\_num,a.ord\_amount,b.cust\_name,b.working\_area   
FROM orders a,customer b   
WHERE a.ord\_amount BETWEEN b.opening\_amt AND b.opening\_amt;

* Support a user story demonstrating the difference.

As the department supervisor Tammy, I want a count of students that earned 100 in prof. x’s calendar, so that I can evaluate student success

As dept. chair Joe, I want a count of students that earned scores betweem a 80 and 90, so that I can know which students earned the B aver

* Run an experiment comparing a join and a composite join.
* Support a user story demonstrating the difference.
* Create and execute a user story demonstrating a cross join.
* Run a full join to find missing match values.