

COMM1822

Term 2 2022



Introduction to Databases for Business Analytics

Assignment Project Exam Help

Week 5 SQL Joins: J
Multiple Tables

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Lecturer-in-Charge: Kam-Fung (Henry) Cheung

Email: kf.cheung@unsw.edu.au

Tutors: Theresa Tran

Liam Li Chen

Kathy Xu

PASS Leader: Srilekha Chandrashekara Kolaki

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- There are some file-sharing websites that specialise in buying and selling academic work to and from university students.

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- If you upload your original work and presents it as their own either on a file-sharing website or on a social media platform, you may be found guilty of collusion — even years after graduation

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Acknowledgement of Country

UNSW Business School acknowledges the Bidjigal (Kensington campus) and Gadigal (City campus) the traditional custodians of the lands where each campus is located.

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We acknowledge all Aboriginal and Torres Strait Islander Elders, past and present and their communities who have shared and practiced their teachings over thousands of years including business practices.

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We recognise Aboriginal and Torres Strait Islander people's ongoing leadership and contributions, including to business, education and industry.

UNSW Business School. (2022, May 7). *Acknowledgement of Country* [online video]. Retrieved from <https://vimeo.com/369229957/d995d8087f>

Agenda

- ❑ **Housekeeping**
- ❑ Discussion of SQL Joins **Assignment Project Exam Help**
- ❑ Week 5 Demo Script **<https://eduassistpro.github.io/>**
- ❑ Week 5 Sandbox Activity **Add WeChat edu_assist_pro**

COMM1822 Consultation

What	Who	When	How
Consultation with the LiC	Kam-Fung Cheung	Assignment Project Exam Help https://eduassistpro.github.io/	Send an email to book a time: kf.cheung@unsw.edu.au

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COMM1822 PASS Class

What	Who	When	How
PASS Class	Srilekha Kolaki	Assignment Project Exam Help	Online via ps://au.bbcollab.com/guest/734c90ddf42d2868fc2304b801d82 https://eduassistpro.github.io/ Add WeChat edu_assist_pro :s.kolaki@student.unsw.edu.au

Assignment Group SQL Accounts

- ❑ A separate Oracle SQL account will be provided to each assignment group (Each assignment group will have 1 account)
- ❑ Complete the assignment SQL activities using the group account instead of your personal student SQL account (for **part B only**)
- ❑ Do NOT change your group S <https://eduassistpro.github.io/>

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Feedback

Thank you for all who provided the feedback in week 4.

We are still collecting feedback

This is your chance to provide us with early feedback

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Please do not ignore

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https://forms.office.com/Pages/ResponsePage.aspx?id=pM_2PxXn20i44Qhnufn7o0KszAgPgNBAjB8ETnYCVsdUQkRGVEJTOVBEM0dDTkJGQ1hFU1RaNE5ZQS4u

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- ❑ Housekeeping
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Week 5 Lab Manual Discussion

1. What is the purpose of the queries and how might they be useful?
2. What new concept has been introduced?
3. What are the different types of queries?
4. In what scenarios might queries be useful?
5. What new clauses have been introduced?

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Week 5 Demo Script

Open Week 5 Demo Script (Oracle Demo) from Moodle:

- Query 1-11
- Break
- Query 12-20

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Week 5 Demo Script

Open Week **Assignment Project Exam Help** Query 1-11)
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Online Safety - Break



- Rest Breaks: <https://safety.unsw.edu.au/office-safety-toolkit/rest-breaks>
- WorkRave at UNSW:
https://safety.unsw.edu.au/sites/default/files/documents/UNSW_WorkRave_V1.0.pdf
- Setting up your Workstation: <https://eduassistpro.github.io/>
[.edu.au/setting-your-workstation-video](https://eduassistpro.github.io/.edu.au/setting-your-workstation-video)
- Online Safety and Wellbeing Tutorial: <https://safety.ent.unsw.edu.au/safety>
- SafeWork 6 Simple stretches:
<https://www.safework.nsw.gov.au/resource-library/six-simple-stretches>

Break

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Week 5 Demo Script

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Week 5 Sandbox Activity

1. Create a list that displays each dish_name and the name of the chef that cooked it. Sort the output by dish_name in descending order.
2. Produce a list of all customers who have ordered the dish "Beef Inside Skirt" after 20th March 2021. Include the customer's name in the output.
3. Display a list of every drink which includes the name of the company that supplied it, the name of the customer who ordered it, and the date when they ordered the drink.
4. Provide a list of all customers (ID + Name) who did NOT receive a discount on their order (i.e. there is no discount value).

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Week 5 Sandbox Activity

1. Create a list that displays each dish_name and the name of the chef that cooked it. Sort the output by dish_name in descending order.

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```
SELECT f.dish_name, c.name "Cook"
FROM FOOD f
INNER JOIN COOKS ck
USING (food_ID)
INNER JOIN chef c
USING (staff_ID)
ORDER BY f.dish_name DESC;
```

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Week 5 Sandbox Activity

2. Produce a list of all customers who have ordered the dish “Beef Inside Skirt” after 20th March 2021. Include the customer’s name and the date of their order in the output.

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```
SELECT c.Name "Customer Name",  
FROM customer c  
INNER JOIN orders o  
USING (customer_ID)  
INNER JOIN food f  
USING (food_ID)  
WHERE f.dish_name = 'Beef Inside Skirt'  
AND o.order_date >= '20-MAR-21';
```

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Week 5 Sandbox Activity

3. Display a list of every drink which has been ordered by customers. Include the name of the company that supplied it, the name of the customer who ordered it, and the date when they ordered the drink.

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```
SELECT d.Drink_Name, s.supplier_
FROM Drinks d
INNER JOIN orders o
USING (drink_ID)
INNER JOIN customer c
USING (customer_ID)
INNER JOIN supplier s USING (supplier_ID);
```

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Week 5 Sandbox Activity

4. Provide a list of all customers (ID + Name) who did NOT receive a discount on their order (i.e. there is no discount value).

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```
SELECT c.customer_id "ID", c.name  
FROM customer c  
LEFT JOIN orders o  
on c.customer_id = o.customer_id  
WHERE o.Discount_ID IS NULL;
```

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Reminders

- No classes next week (week 6), classes resume in week 7.
- Start working on your Part B assignment
- Any group conflicts must be raised ASAP with the LiC

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