COMM1822

Term 2 2022

Introduction to Databases for Business Analytics

Week 10
Database Access Control

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

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

Assignment Project Exam Help

Wee **Video**

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

Copyright

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

- If you upload your original wor   other student downloads and presents it as their own eit **it not be found guilty of collusion — even years after graduatio**

- These file-sharing websites may also accept purchase of course materials, **such as copies of <u>lecture slides</u> and <u>tutorial handouts</u>. By law, the copyright on course materials, developed by UNSW staff in the course of their employment, belongs to UNSW. It constitutes copyright infringement, if not academic misconduct, to trade these materials.**

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.

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

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

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

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

COMM1822 Consultation

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

COMM1822 PASS Class

What	Who	When	How
PASS Class	Srilekha Kolaki	Online via https://eduassistpro.github.io/ Add WeChat edu_assist_pro	ps://au.bbcollab.com/guest/734c9 0ddf42d2868fc2304b801d82 :s.kolaki@student.unsw.edu.au

UNSW
SYDNEY

Agenda

❑ **MyExperience**

❑ Discussion of Database Access Control

❑ Week 10 Demo Script

❑ Week 10 Sandbox Activity

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

MyExperience

Our aim is **80%** response rate!

Assignment Project Exam Help

Please fil   urvey now!

https://eduassistpro.github.io/

https://web.microsoftstream.com/video/48a   4b84-89c7-80dff76e6db5

Add WeChat edu_assist_pro

Thank you for being so patient with us and we look forward to your feedback.

myExperience

Tell us about your experience. Shape the future of education at UNSW.

Visit [Moodle](#) to complete the myExperience survey or accessing [myexperience.unsw.edu.au](#) directly.

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

UNSW
SYDNEY

Agenda

❑ MyExperience

❑ **Discussion of Database Access Control**

❑ Week 10 Demo Sc

❑ Week 10 Sandbox Activity

UNSW
SYDNEY

Week 10 Lab Manual Discussion

1. What is Access Control?

2. What is the purpose of using a view?

3. What new concept

4. What new clauses have been in

5. What are the DCL commands?

13

Agenda

❏ MyExperience

❏ Discussion of Database Access Control

Assignment Project Exam Help

https://eduassistpro.github.io/

❏ Week 10 Demo Sc

Add WeChat edu_assist_pro

❏ Week 10 Sandbox Activity

W10 Demo Script

Today's Topic: **"Views"**

Open Week 10 Demo from Moodle

15

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 you Workstation: https://safety.unsw.edu.au/setting-your-workstation-video
- Online Safety and Wellbeing Tutorial: https://safety.unsw.edu.au/safety
- SafeWork 6 Simple stretches: https://work.nsw.gov.au/resource-library/six-simple-stretches

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

Break

Ta eak

17

Agenda

❑ MyExperience

❑ Discussion of Database Access Control

❑ Week 10 Demo Sc

❑ **Week 10 Sandbox Activity**

Week 10 Sandbox Activity

1. Create a view of all food items that cost less than the average.

2. Query the view created in Q1 – how many different foods in this list have never been ordered?

3. List a report showAssignment Project Exam Helpmany DIFFERENT food
   items they have cook   above or below the
   highest paid chef theyhttps://eduassistpro.github.io/

4. Create a output (using two queries).
   Add WeChat edu_assist_pro
   a. Each food item, and the number of times i   dered.
   b. Each drink item, and the number of customers who have ordered it.

      Call the columns "Item name" and "Volume" and order by volume descending, and
      then Item Name in backwards alphabetical order.

5. Create an output of the same as Q3, but using one query.

Week 10 Sandbox Activity

1. Create a view of all food items that cost less than the average

CREATE OR REPLACE VIEW less_than_avg_food AS
SELECT   *
FROM   FOOD
WHERE   price < (SEL   OD);

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

Week 10 Sandbox Activity

2. Query the view created in Q1 – how many different foods in this list have never been ordered?

Assignment Project Exam Help

SELECT count(distinct food_id) "Never ordered, less than average"

FROM less_than_a https://eduassistpro.github.io/

WHERE food_id NOT IN (SELECT d _____ id from ORDERS);

Add WeChat edu_assist_pro

Week 10 Sandbox Activity

3. List a report showing each chef's salary and how many food items they have cooked. Also include how far above or below the highest paid chef they are.

SELECT c.name, c.salary,   ) "Dishes Prepared", salary -
(SELECT MAX(SALARY) Fow max"
FROM chef c INNER JOIN cooks co ON   co.staff_id
INNER JOIN food f ON co.food_id = f.foo
GROUP BY c.name, c.salary;

Week 10 Sandbox Activity

4. Create a output (using two queries) showing:
   a. Each food item, and the number of times it has been ordered
   b. Each drink item, and the number of customers who have ordered it.

   Call the columns "Item name" and "Volume" and order by volume descending, and then Item Name in backwards alphabetical order.

```
SELECT      f.dish_name "It                              me
FROM        food f INNER J                              o.food_id
GROUP BY    f.dish_name
ORDER BY    Volume DESC, "Item Name" DES
```

```
SELECT      d.drink_name "Item Name", count(o.customer_id) AS Volume
FROM        drinks d INNER JOIN orders o ON d.drink_id = o.drink_id
GROUP BY    d.drink_name
ORDER BY    Volume DESC, "Item Name" DESC;
```

Week 10 Sandbox Activity

5. Create an output of the same as Q3, but using one query.

```sql
SELECT *
FROM
(
        SELECT f.dish_name                              Volume
        FROM food f INNER                          d = o.food_id
        GROUP BY f.dish_na

        UNION ALL

        SELECT d.drink_name, count(o.customer_id)
        FROM drinks d INNER JOIN orders o ON d.drink_id = o.drink_id
        GROUP BY d.drink_name
)
ORDER BY Volume DESC, "Item Name" DESC;
```

Questions

Thank You and All the Best!

Assignment Project Exam Help

https://eduassistpro.github.io/

Add WeChat edu_assist_pro

Source: happybirthdaymsg.com