COMM1822

Term 2 2022

Introduction to Databases for Business Analytics

Assignment Project Exam Help

https://powcoder.com

Week 9

Subqueries and Merge Statementspowerder

Big Data

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

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Tutors: Theresa Tran

Liam Li Chen

Kathy Xu

PASS Leader: Srilekha Chandrashekara Kolaki



Assignment Project Exam Help Week 9 Welcome Video https://powcoder.com

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

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

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



COMM1822 Consultation

What	Who	When	How	
	Assignment Project Exam Help			
Consultation with the LiC	Kam-Fung (Henry) Cheung https://	Tuesday POWCOCOPORAGO (NEST)	Send an email to book a time: kf.cheung@unsw.edu.au	
	Add WeChat powcoder			

COMM1822 PASS Class

What	Who	When	How
PASS Class	Srilekha Kolaki		https://au.bbcollab.com/guest/734c9 phb0ddf42d2868fc2304b801d82 Email: s.kolaki@student.unsw.edu.au

Agenda

- ☐ MyExperience
- Discussion of Subqueres and Merges Exame Help
- ☐ Week 9 Sandbox Activity https://powcoder.com
- → Big Data Strategy Add WeChat powcoder



MyExperience

Our aim is 80% response rate! Assignment Project Exam Help

Please fill the MyExperience survey now!

https://web.microsoftstream.gemwideo/48ap8358c0c12r4b84-89c7-80dff76e6db5

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



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directly.





Agenda

- MyExperience
- ☐ Discussion of Subqueries and Merge Statements
 - https://powcoder.com
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- Big Data Strategy



Week 9 Lab Manual Discussion

1. What is the purpose of subqueries and how might they be useful?

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- 2. What are the different types of subqueries? https://powcoder.com
- 3. What new concept has been introduced?
- 4. What new clauses have been introduced?



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- 1. Determine which other customer visited the restaurant on the same day as David Nguyen.

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- 2. Determine which food items have a longer preparation time than Ox Tongue.
- 3. Determine which food items cost less than the most frequently ordered drink item. Display the name of the dish and the price.
- 4. List each chef's name, and the average price of all items ordered that each chef prepares (per day).



1. Determine which other customer visited the restaurant on the same day as David Nguyen.

```
SELECT DISTINCT c.name

FROM CUSTOMER c
INNER JOIN ORDERS o
USING (customer_id)

WHERE order_date = Add WeChat powcoder
(SELECT order_date FROM ORDERS WHERE customer_id =
(SELECT customer_id FROM CUSTOMER where name = 'David Nguyen')

AND c.name <> 'David Nguyen';
```



2. Determine which food items have a longer preparation time than Ox Tongue.

```
SELECT *
FROM FOOD
WHERE cook_time >
(SELECT cook_time FROM https://pawcoder.com/rongue');
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```



3. Determine which food items cost less than the most frequently ordered drink item. Display the name of the dish and the price.



4. List each chef's name, and the average price of all items ordered that each chef prepares (per day).

```
SELECT c.name, TO_CHAR(av.average_revenue, '$99.99') "Average Daily Revenue"
FROM CHEF c
INNER JOIN
                                                                                                                                      Assignment Project Exam Help
          SELECT staff_id, AVG(daily_revenue) average_revenue FROM
         (SELECT c.staff_id, o.order_date, through the content of the conte
         ON o.discount_id = d.discount_id Add WeChat powcoder
          ON o.food_id = f.food_id
          INNER JOIN cooks c
          ON f.food_id = c.food_id
          GROUP BY c.staff_id, o.order_date)
          GROUP BY staff_id
av ON c.staff_id = av.staff_id;
```



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
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- Setting up you Workstation: https://safety.unsw.edu.au/setting-your-workstation-video
- Online Safety and Wellbeingd utorial: https://student.unsw.edu.au/safety
- SafeWork 6 Simple stretches: https://www.safework.nsw.gov.au/resource-library/six-simple-stretches



Break

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Agenda

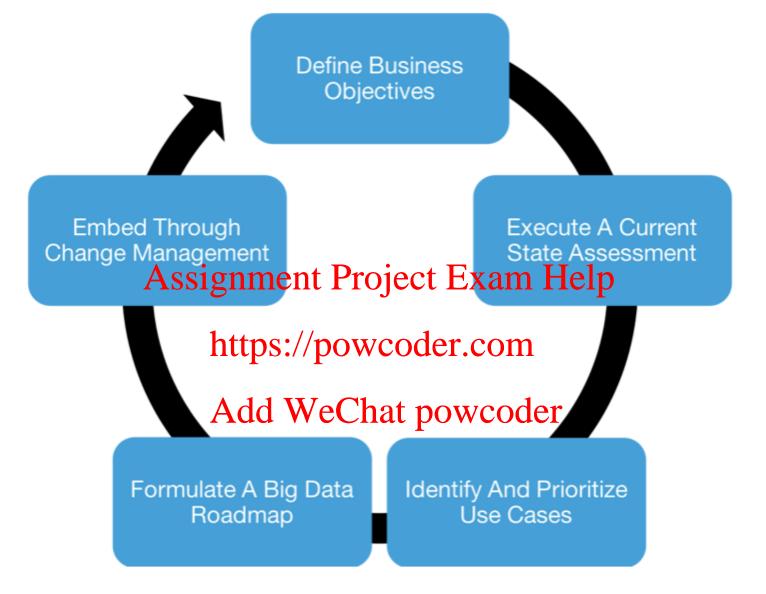
- MyExperience
- Discussion of Subqueries and Merge Statements
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- Week 9 Sandbox Activity
 - Add WeChat powcoder
- ☐ Big Data Strategy



Big Data Strategy (Discussion)

- Research a company of your choice (different from last week's company if possible)
- 2. Build a Big Data strategy using the steps of the Enterprise Big Data Framework: https://www.bigdataframework.org/formulating-a-big-data-nttps://powcoder.com
- 3. Focus in this discussion the challenges cach Big Data project would face, i.e., the three interdependent components that cause success or failure: People, Process and Technology
 - See next slide
 - 30 min in breakout rooms/groups
 - Present your work in groups (3 min per group)





https://www.bigdataframework.org/formulating-a-big-data-strategy/

