Assignment Project Exam Help

https://powcoder.com

Introduction

Lecturer-in-charge:

Assignment Project Exam Help

Office: K17 507

F-mail: weiw@qse powcoder.com

http://www.cse.unsw.edu.au/~weiw

- Research Interests: Wenturn later provess Goder
 - High-dimensional data / Similarity query processing
 - DB + AI



Course Info

Assignment/Project Exama Help

• Main form: Piazza Forum: https:

//piazza.com/configure-classes/spring2018/comp9318

Only for matters that cannot/should not be resolved via piazza.

- · Lectures: 1 2 Wo Chatropo w coder
- ullet Tutorials: several *online* tutorials $\overline{+}$ ipython notebooks
- Consultations: by appointment only.

Assignment Project Exam Help

- ullet 1 written assignments + 1 programming project + lab
- lab = np.mean(sorted([lab1, lab2, lab3, lab4, lab1))

 Topy**

 Powtoder.com

Read the spec to find out late penalty policies.

Finally ...

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— I will **not** accept medical special consideration claims from

people who have already attempted the exam. Final $\frac{\text{Nattps://powcoder.com}}{\text{Nattps://powcoder.com}}$

Final mark

Afidda We Chatprojo w coder

• Also requires $exam \ge 40$.

Warning I

This course has

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- Heavy workload
- High fail rate ≥ 20%
- Intitions not produced reconstruction of plagiarism, esp. collusion in https://student.unsw.edu.au/plagiarism.

Specially, we do not accent personal plea or excuses: if your performance, apply for a UNSW Special Consideration:

https://student.unsw.edu.au/special-consideration.

Assignment Project Exam Help

- I spent so much time and effort on this course but still failed?
- Idit the vork by myself and may the thered to with my classmate for discussion.
- If I fail this course, I will [...]. Please.

Resources I

Lecture Slides

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Text Book

- Leskovec et al, Mining of Massive Datasets (ver 2.1),
 http://powcoder.com/ http://infolab/stanford.edu/~ullman/mmds.html
- Jensen et al, Multidimensional Databases and Data Warehousing (Arcessible from a UNSW IP)
- Han et al, Data Mining. Encepts and Techniques, 1st 2nd edition, Kaufmann Publishers.

Reference Books

• Tan et al, Introduction to Data Mining, Addison-Wesley, 2005.



Resources II

 Witten et al, Data Mining: Practical Machine Learning Tools and Techniques with Java Implementations, 1st/2nd edition, Morgan Kaufmann.

Assignmental mojecte Examer Help Software

- Anaconda
- https://powcoder.com
- Jupyter notebook
- Python libs such as numpy, pandas, matplotlib, saki clear ve Chat powcoder

Reading Materials

- Papers from machine learning/data mining conferences/journals, white papers, surveys, etc.
- All available from the course Web page.



Schedule (tentative)

Assignments Project Examine Help Data warehousing and OLAP Maths review + Data Preprocessing lab Data Preprocessing + Classification hessify nowcoder.com Classification lab, proj1 8 Classification 9 echat poweoder 10 11 12 Advanced topic + review

Course Objective and Requirements

Objectives:

algorithms

Cover practically useful data mining/machine learning

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- http:s://powcoder.com
 - You need to have a solid background in Maths (Linear Algebra, Galculus, Probability & Statistics) and programming (mail 6thow) ecnat powcoder
 - Understand (not memorize) concepts/equations/algorithms.
 - Ask why.
 - Describe it in your own language to a layman.

Feedback welcome (throughout the course).



Example

Significant positive perfult for the quest fand the probability that patients with the deadly β disease having a positive α test result is 99%. Should John be worried about having the β disease?

https://powcoder.com

Example

John goth positivementalt for the accept, and the probability that patients with the deadly β disease having a positive α test result is 99%. Should John be worried about having the β disease?

$$P(\beta \mid \alpha) = \frac{P(\alpha \mid \beta)P(\beta)}{P(\alpha)} = 0.99 \frac{P(\beta)}{P(\alpha)}$$

https://powcoder.com $P(\beta \mid \alpha) = \frac{P(\alpha \mid \beta)P(\beta)}{P(\alpha)} = 0.99 \frac{P(\beta)}{P(\alpha)}$ Add WeChat powcoder

Example

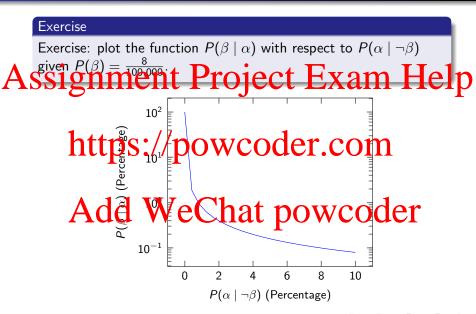
John gotta position result for the a cost, and the probability that patients with the deadly β disease having a positive α test result is 99%. Should John be worried about having the β disease?

https://powcoder.com $P(\beta \mid \alpha) = \frac{P(\alpha \mid \beta)P(\beta)}{P(\alpha)} = 0.99 \frac{P(\beta)}{P(\alpha)}$

$$P(\beta \mid \alpha) = \frac{P(\alpha \mid \beta)P(\beta)}{P(\alpha)} = 0.99 \frac{P(\beta)}{P(\alpha)}$$

$$P(\beta \mid \alpha) = \frac{P(\alpha \mid \beta)P(\beta)}{P(\alpha \mid \beta)P(\beta) + P(\alpha \mid \neg \beta)P(\neg \beta)}$$





CSE Computing Environment

For those new to the computing environment at CSE, UNSW

Assignment of the Command time. You need to be able to upload, run, and test your program

- You need to be able to upload, run, and test your program under linux.
- Assignment/Project submission der comessages.
 - Classrun. Check your submission, marks, etc. Read https://wiki.cse.unsw.edu.au/give/Classrun

Addise or up (Crinhart), pro two corder

- Submission not accepted by the system (wrong filename? too large? ...).
- Lab submission: our home-made Web submission system.



Other Specialised Courses

Other specialised courses in the Database or Data Science stream:

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- COMP9313: Big data systems (hadoop, spark, etc)
- tottong: lyfonoweed deral again processing, Search engines.

Other machine learning courses:

- · AMPA7: White Christen bot Wining der
- COMP9444: Neural Networks and Deep Learning
- COMP9418: Advanced Machine Learning

Research and Development Opportunities with us

Assignment Project Exam Help Talk & me about PhD/Master/Honour/Research Project

opportunities in the area of data management, text mining, machine learning, and natural language processing.

PHUS Hip Ador Wp-Cpo Clerk. COM

- Special research project (12UoC or 18UoC) for MIT students Add WeChat powcoder

About Learning

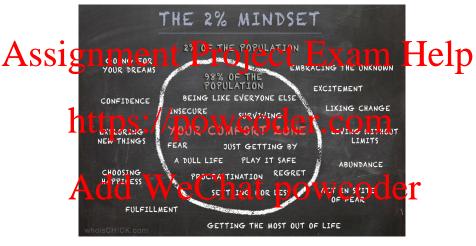
Assignment Project Exam Help Al/DS/Hardware.

• What do you want out of this course?

Requirements://powcoder.com

- Plan ahead for the course.
- Learning happens outside your comfortable zone.
- · Add child matth power coder
- Use the Jupyter notebooks.

Make Errors and Learning Sth. New



Source:

 $\verb|http://combiboilersleeds.com/images/comfort-zone/comfort-zone-0.jpg|$