Daily Assessment format

Date: 16/06/2020

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Course: statistical learning

Usn: 4AL17E1039

Topic: case study for probability
& statistical theory
   • solution for case study

Github
repository: jyoti-courses

foreneon session details

Report
→ The pedagogical advantages of teaching statistics not
as a stand-alone subject in itself but rather as a topic
integrated into teaching hands-on, problems based
computer-assisted data analysis.

→ for over 10 years, such a two-terms course has been
taught at drexel university in lieu of the usual statistics
courses formerly taken by undergraduate majors in
psychology & sociology.

→ one virtue of the courses as currently implemented is
that students seem to learn not just how to perform
statistical procedures but how to apply them on their
own.

→ the two-term computer assisted data analysis sequence
is also tightly integrated into the department curriculum

→ it supports, parallels, & is reinforced by a two-term sequen
in research methods, which is often taught by the same
instructors, in addition, psychology majors are required
to complete a course in experimental psychology.

→ this integration & coupling of courses afford students
who follow the recommended sequence in their sopho
more year the marketable skills required for the more
desirable cooperative education placements.

Solution for case study

1 Read & examine the case thoroughly
→ take notes, highlight relevant facts, underline key
   problems

2 focus your Analysis
→ identify two to five key problems
→ why do they exist?
→ how do they impact the organization?
→ who is responsible for them?

3 uncover possible solutions/changes needed
→ review course readings, discussion, outside research
   your experience.

4 select the best sol?
→ consider strong supporting evidence, pros & cons. is this
   sol? realistic?

Drafting the case
→ once you have gathered the necessary information, a
   draft of your analysis should include these general
   sections

1 introduction
→ identify the key problems & issues in the case study
→ formulate & include a thesis statement, summarizing
   the outcome of your analysis in 1-2 sentences.

2 Background
→ set the scene: background information, relevant facts, &
   the most important issues
→ Demonstrate that you have researched the problems io
   this case study.

3 evolution of the case
→ outline the various pieces of the case study that you are
   focusing on.

→ evaluate these pieces by discussing what is working &
what is not working
→ state why these parts of the case study are or not
working well

4 Proposed sol⁰ / changes
→ provide specific & realistic sol⁰ or changes needed
→ explain why this sol⁰ was chosen
→ support this sol⁰ with solid evidence, such as:
  concepts from class, outside research, personal experience

5 Recommendations
→ determine & discuss specific strategies for accomplishing
the proposed sol⁰
→ if applicable, recommend further action to resolve some
of the issues.
→ what should be done & who should do it!

Finalizing the case
→ After you have composed the first draft of your case
study analysis, read through it to check for any gaps
or inconsistencies in content or structure:
→ is your thesis statement clear & direct?
→ have you provided solid evidence?
→ is any component from the analysis missing?
when you make the necessary revisions, proof read &
edit your analysis before submitting the final draft.