

E-portfolio assessment in general education A practitioner's perspective

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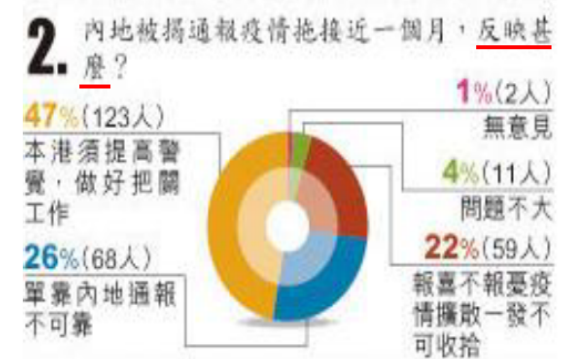
18 June 2015



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Background

- General education course in statistics
 - Close ties with everyday life/current issues
 - End-of-semester group presentations on the use of statistics in current issues
- Observations:
 - Last-minute effort from students
 - Lack of post-presentation reflection
- e-Portfolios as potential solution



Q2: Mainland China has been exposed that they announced the H7N9 case a month after they discovered that. What does it mean?

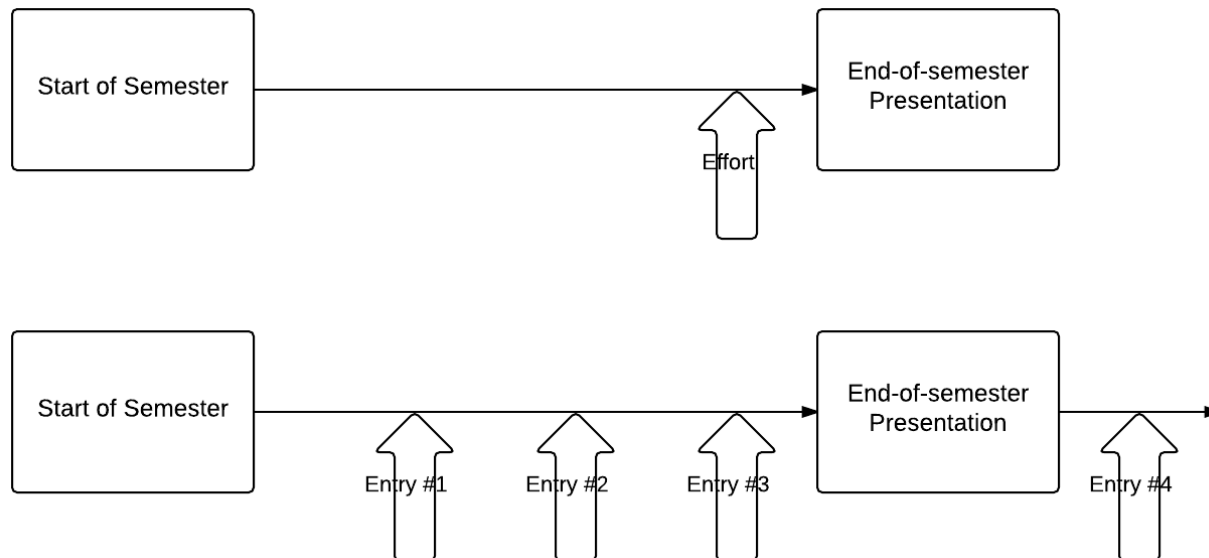
- ◆ "What does it mean?" is an open-ended question
- ◆ Possible answers are far more than options provided

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e-Portfolio: basic set-up

- Individual e-Portfolio with a total of 4 entries
 - 3 entries throughout the semester leading to the end-of-semester group presentation (materials in individual entries can be used in group presentation)
 - 1 end-of-semester entry to reflect on group presentation

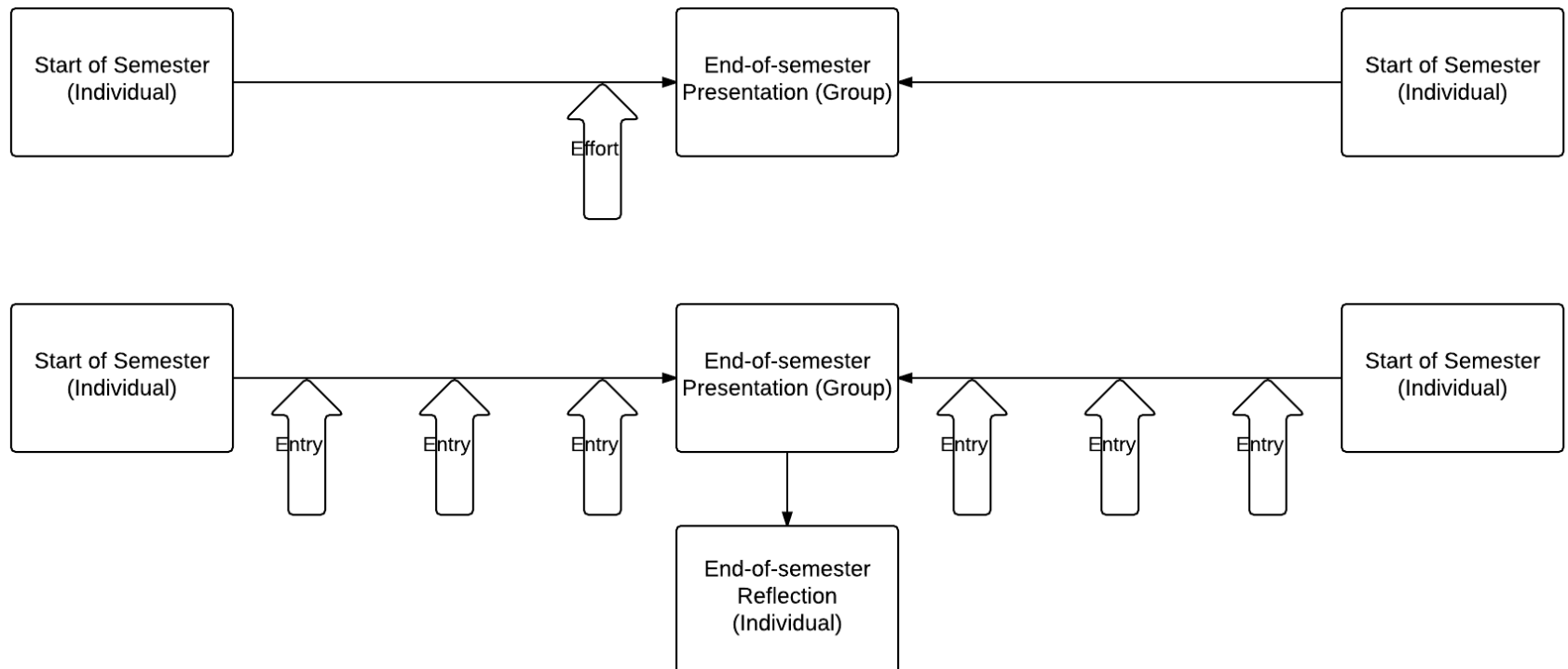


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e-Portfolio: the model

- Early engagement for end-of-semester presentations
- Baseline contribution of individuals in group work
- Individual reflections on group presentations



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e-Portfolio: the platform

- Weebly: free web-based site building tool
- Visually attractive layout
- Friendly drag and drop interface
- Submission of student work by publication as blogs
- Potential privacy/plagiarism concerns



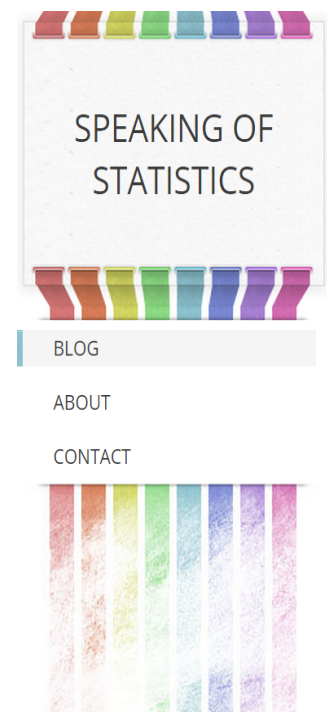
Reflection on group presentation

11/29/2014

0 Comments

Author

Hi Welcome to my page^^



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e-Portfolio: assessment

- Key target attributes:
 - Critical thinking (with proper statistical sense)
 - Organization
- (Very simple) rubric:

Element\Score	1	0.5	0
Accuracy and critical thinking in statistics	Generally clear indications of sources; Demonstration of good critical thinking skills and statistical knowledge related to the topic with no mistakes	Generally clear indications of sources; Demonstration of some critical thinking skills and good statistical knowledge related to the topic with minor mistakes	Unclear indication of sources; Demonstration of inadequate critical thinking skills and statistical knowledge related to the topic
Organization	Materials and ideas presented in a logical and coherent manner with a clear layout	Materials and ideas presented in a slightly confusing manner with a generally clear layout	Highly confusing layout and arrangement of materials; presentation of ideas highly difficult to follow

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e-Portfolio: examples

REFLECTION ON GROUP PRESENTATION

12/5/2014

0 Comments

GROUP 9

PRESENTATION TOPIC:

PROBLEMS OF QUESTIONNAIRE---「祖父母日」問卷調查(青年版本)

My group chose the presentation without any difficulties. My group members and I spent few minutes in viewing what we had on hand, then we made the decision of choosing the materials that I had. We found that this questionnaire had many problems and people might make these mistakes when designing the questionnaire. We hoped that our presentation could help.

APPLICATIONS OF MEAN & MEDIAN IN HONG KONG

上月私宅平均呎租 24.3 元

【香港商報訊】根據中原新簽租約統計，今年 8 月份全港 100 個大型私人住宅屋苑的建築面積平均租金每平方呎錄得 24.3 元，與去年 12 月的 23 元相比，於今年首 8 個月上升 5.7%。

新界區中，沙田第一城及嘉湖山莊的租金升幅分別為 11.9% 及 7.6%。九龍區中，麗港城及美孚新邨，各自錄得租金升幅 6.6% 及 6.3%。而港島區的太古城、杏花邨及康怡花園，租金升幅分別為 10.1%、9.2% 及 8.2%。

黃埔花園升幅最勁

10 大藍籌屋苑中，8 個屋苑的平均租金在 2014 年首 8 個月的升幅跑贏大市。其中黃埔花園的升幅最大，8 月份平均租金錄得 29.3 元，與去年 12 月的 25.4 元相比升幅達 15.4%。

匯景花園及海怡半島的租金升幅則落後大市，匯景花園 8 月份租金為 24.5 元，較去年 12 月的 23.4 元上升 4.7%。海怡半島 8 月份租金則為 24 元，較去年 12 月的 23.5 元微升 2.1%。

SUMMARY & COMMENT

This article is telling the rental prices of private housing in August. The mean of the rental prices of private housing per square meters is HKD24.3. Mean is an average, one of several that summarize the typical value

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e-Portfolio: the feedback

1. I acquired useful skills in creating my e-Portfolio.
2. The process of creating my e-Portfolio helped me to take responsibility for my own learning.
3. Overall, I valued the integration of the e-Portfolio into this course.
4. Overall, I am satisfied with the way my learning is assessed using the e-Portfolio in this course.
5. I have a generally favorable attitude toward using the e-Portfolio.
6. Using the e-Portfolio enhanced my effectiveness in learning.

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
23.53%	55.88%	14.71%	2.94%	2.94%
32.35%	41.18%	17.65%	2.94%	2.94%
17.65%	50.00%	29.41%	0.00%	2.94%
20.59%	44.12%	20.59%	8.82%	5.88%
11.76%	52.94%	20.59%	14.71%	0.00%
17.65%	50.00%	23.53%	5.88%	2.94%

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e-Portfolio: the feedback

- *“It can raise the understanding towards statistics through practical exercise in daily life by reading news articles.”*
- *“Overall, the e-Portfolio practice is good. As we can do something else apart from boring assignments.”*
- *“Interesting and acceptable as part of course assignments.”*
- *“I think it is useless and I think Microsoft word is better.”*
- *“Sometimes it is quite complicated to use the e-Portfolio. One time, I typed a lot and nearly finished my e-Portfolio, suddenly e website disappeared.”*

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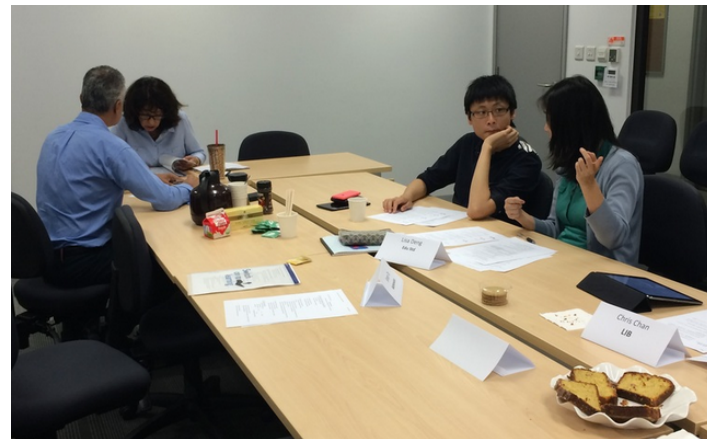
E-Portfolio: FAQs and the challenges

- Q: How do the students react to the extra workload?
- A: Generally positive (or non-negative) reaction given reasonable workload (may consider reducing other workload)
- Q: Do the students encounter technical difficulties?
- A: MANY students encounter MANY difficulties!
- Q: How much technical help do I provide?
- A: Half an hour of demonstration with additional individual help (probably still not enough!)
- Q: But is it fun?
- A: YES! 😊

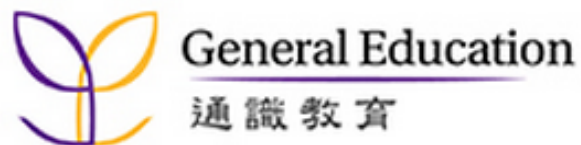
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E-Portfolio: REFLECT: a Community of Practice (CoP)

- Implementation of e-portfolio assessment as part of a community of passionate practitioners from different disciplines at HKBU
- Visit us at <http://copreflect.weebly.com/> 😊



Acknowledgements:



REFLECT: A COMMUNITY OF PRACTICE

Thank You!

Simon Kai-Ming TO 18 June 2015

