

Understanding Small and Big Data with Wikis

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MEETING TIMES AND PLACE

Monday 14:30~16:00 (room Y204-0304, Y204-0304)

Friday 14:30~16:00 (room Y204-0304, Y204-0304)

COURSE INTRODUCTION

This course uses Wikivoyage and Wikidata (sister projects to Wikipedia) to teach students to understand the collective intelligence on the Internet from a sociological perspective, as well as introduce them to the topics related to small and big data. Throughout the course, students will be developing a set of wiki web pages aimed to introduce tourists from around the world to various interesting places in and around Korea, as well as wiki pages related to machine and human interaction, used as metadata sources for tools such as Alexa or Siri.

Wikimedia Foundation projects like Wikivoyage and Wikidata are very new. Unlike most other sites, they are non-profit and run by a group of volunteers. The students will get a working understanding of what wikis in general, and Wikivoyage and Wikidata in particular, are. This understanding is highly useful in today's world: only a few years ago, TechnocraTi's chief technologist stated soon "knowledge of wikis will be a required job skill".

There are several avenues of learning in this course: readings, lectures, discussions (in-class and online), and a wiki-based collaborative group writing project. This is a reading- and writing-heavy course as one of its major aspects will be learning how to contribute to English Wikivoyage and Wikidata by writing content (creating and expanding Wikivoyage articles and Wikidata entries). Students can also edit Wikivoyage, Wikidata, and Wikipedia for extra credit.

A usual class will have a lecture segment, a wiki editing segment, and a discussion segment. You should be prepared to read, write and discuss in English. A device capable of editing wikis (laptop, tablet) will be helpful.

This syllabus may be changed. For an up-to-date version, see
<https://tinyurl.com/wikivoydata2023>

Wiki dashboard is available at <https://tinyurl.com/dashwikivoydata2023> (password is: usvibztf)

COURSE MATERIALS

Lectures: you can find the lectures at https://prezi.com/user/u_srrdgdghtf/ or https://en.wikipedia.org/wiki/User:Piotrus/Wiki_course

Texts: see the schedule. All digital downloads.

Readings will be made available for download on the class website.

COURSE REQUIREMENTS AND GRADING

Grades for this course will be based on

Attendance

Attendance constitutes 5% of the final grade.

Discussions and activities

In most classes, time will be allocated to in-class discussions and activities. Students are expected to participate in discussions, respond to questions, and take part in other activities.

One of the main activities in the class will require each student to show and briefly (~1 minute) discuss an edit they have made within the last few days.

Discussions and activities constitute 25% of the final grade.

Online wiki assignment

This assignment is composed of two parts: the main project and the weekly project.

a) The main project:

The goal of this assignment is for a group of students (2 people) to create (or significantly expand) at least one longer or two shorter Wikivoyage ‘travel guide-like’ entries about a city/town level entity in Korea (if working solo, one entry will be enough).

By the end of September, each group of two students has to select one English Wikivoyage article (https://en.wikivoyage.org/wiki/Main_Page) related to Korea that does not exist or is a stub or an outline and by the end of November to improve it to at least the ‘usable’ status (explanation of what is meant by terms stub, outline, or usable is here: https://en.wikivoyage.org/wiki/Wikivoyage:Article_status)

Important deadlines include:

* Deadline 1 (Week 2): You should complete the Wikipedia:Training/For students https://en.wikipedia.org/wiki/Wikipedia:Training/For_students (you can also do additional training in Korean at 위키백과:길라잡이 for extra credit) and enroll in our course at : <https://tinyurl.com/dashwikivoydata2023> (Password: **usvibztf**). Completing those two steps gets you 5% of the assignment grade. To prove that you have completed the Training, you have to leave me a [properly signed](#) Wikipedia talk message (at [User talk:Hanyangprofessor2](#)) saying you completed it and confirm that you have enrolled in the dashboard system; I'll then review your edits. You should also include a link to a screenshot showing that you've completed the edits, and the screenshot should include your username ([example](#)). If you successfully complete this step, I'll reply to your message on my talk page. If you do not receive a notification about such a message, it means you have not completed this assignment successfully. If you complete the assignment partially, the message I will leave will contain information on what to fix. Common mistakes include not [signing](#) your post properly, posting while not logged in, or not [posting in the correct place](#). This assignment has to be completed individually by each member of a group.

- Note about Training for Students. This activity is composed of many modules. For now, you should complete: 1) all modules in the Basics section and 2) all modules in the How-to refreshers section I also recommend but do not require that you read modules on "Contributing images and media files", "Translating articles" and as many of the exercises as you can. For each exercise you complete, you can post a message on my talk page with proof that you have done so (edit or reflexive blog post) and I'll give you extra credit. The proof can take the form of pictures uploaded to a hosting platform ([example](#)).
- Extra credit: create a [userpage](#) for your account. Add information there that you are a student taking this course, linking to our dashboard page. You can also include other information or make your page as pretty as possible. Most pretty userpages will receive an additional extra credit point (see [this guide](#) for ideas).
- Deadline 2 (Week 3): each group has to choose the article they will be working on and inform me of their selection. For ideas on what could be your topic, see here: https://en.wikipedia.org/wiki/User:Piotrus/Ideas_for_students and you can also see past projects here https://en.wikipedia.org/wiki/User:Piotrus/Educational_project_results (CTRL+F for Wikivoyage). If we have regular classes, you are required to come to my office and show me which article you have selected; otherwise, we will discuss it using email or the Wikipedia discussion page system. To complete this you should leave me a

message about your new topic on my Wikipedia talk page (you should do this even if you came to my office or sent me an email!). I will reply there and if I accept it you should then add it to your profile in the dashboard (<https://outreachdashboard.wmflabs.org> Editors - > Article Assignments). Updating the dashboard is part of the activity required to get full credit for completing that deadline and adding your approved topic to the dashboard completes this deadline.

Details on subsequent deadlines will be provided in class:

- * Deadline 3: Week 5 (draft of the first article). Your first draft should be better than a “stub” and meet the requirements of an “outline” article. What are “stubs” and “outlines”? See https://en.wikivoyage.org/wiki/Wikivoyage:Article_status . See also https://en.wikivoyage.org/wiki/Category:Outline_cities for a list of city-level outline articles on Wikivoyage. Your draft should resemble these (or be better).
- * Deadline 4: Week 7 (second draft)
- * Deadline 5: Week 9 (third draft)
- * Extra credit for Week 10: peer review. You can review an article by another student (you can see what your colleagues work on by going to Dashboard - Editors - Article Assignments). You should leave them feedback and constructive suggestions) on their user talk page (please don't confuse the sandbox talk page with their user talk page). Then inform me on my talk page you have provided feedback to another editor (link to their talk page), this will complete this extra credit activity.
- * Deadline 6: Week 11 (fourth and final draft)
 - Note on article length. The minimum size of your article per student is 1,000 words (research). This means that for group of two students, the numbers are 2,000 (or two shorter entries at 1k words each). You can choose multiple shorter articles to create to reach the required word quota. Longer projects will generate extra credit (about 1 point for every 500 words).
- * Monday, December 20: articles will be graded by me shortly after that date.

This assignment constitutes 70% of the grade. You get 35% by doing things on time, and 35% by achieving the final goal (creating good articles).

As you can see, it is very important to keep to the schedule, as doing that is worth half of the assignment points. It is also extremely important to work closely with your group members, as **the final grade for this assignment will be weighted based on your participation**, incorporating the number and quality of your edits to Wikivoyage, and how each member of your group values your input and contribution.

In other words: this is not an assignment that can be done alone, nor left for the last few weeks (or days). Nor will you get many (or any) points if you do little (or no) work.

Link to our dashboard: <https://tinyurl.com/dashwikivoydata2023> (Passcode: **usvibztf**)

b) weekly project

In addition to working on the main project (described above), all students are required to regularly edit Wikivoyage or Wikidata, making 10 edits total each week (you can also edit Wikipedia, Wikimedia Commons, Wikisource for half of that amount) each week on articles different from their group article(s); also edits for deadlines and posting to my talk page does not count. At least 5 edits should be to English Wikovoyage. Failing to make the required amount of edits in a week will result in a penalty of -1 point, on the bright side doing double the requirement (20 edits) will grant you an extra credit point!

Extra notes about the weekly project:

- you are not required to report your extra edits on my talk page, but you are welcome to do so if you want feedback! I recommend asking for feedback once a month, at least. Doing so is worth 1 extra credit point (per month).
- The topic of those 10 edits can be anything. You can edit about your hometown, favorite celebrity or game, whatever you like.
- Your edits should have an edit summary. See https://en.wikipedia.org/wiki/Help:Edit_summary for an explanation of this concept
- An edit is defined as saving the page, and making a non-trivial (and helpful) change. It can be as tiny as fixing a typo or updating a number. Edits that add a new section, paragraph, or image can be considered for extra credit; you can list any such edits on my talk page and ask if they qualify for extra credits. Please note that as our course goes on, my expectations of what qualifies for an extra credit will increase, and edits that were “good enough” for extra credits on Month 1, may no longer be good enough by Month 3 when I’ll be expecting more advanced types of edits.
 - Non-exhaustive list of examples of accepted edits (the numbers may be modified depending on quality and size of your edits):
 - In the first month only; later will count as 0.1 of an edit:
 - 1) adding a hyperlink
 - 2) fixing a typo
 - 3) adding or updating a number or minor fact
 - 4) adding a category to a Wiklipedia article(later will count as 0.2 of an edit)
 - 5) adding an image to a Wikivoyage or Wikipedia article (adding

the image is not the same as uploading one, see below)

- 6) adding a new data point to a Wikidata article
- Worth 2 points in the first month and 1 point after that:
 - 1) adding a reference to a Wikipedia article (extra point if it is properly formatted with citation templates)
 - 2) adding text (at least one sentence of about 20 words) supported by a reference (the reference will be counted separately per above) to a Wikipedia article. Longer additions will be considered as extra edits, at a rate of roughly 100 words per edit.
 - 3) adding (uploading) new, properly licenced (free) images to Wikimedia Commons. The images do not have to be super high quality, but they should be passable (good resolution, focused, not blurry). You can get one extra edit point for the first image uploaded, then 1 point for each set of 10 more images (max. 10 extra edit points). You can get twice that amount of points for uploading maps, infographics or diagrams.
 - 4) engaging in polite discussion with another editor on Wikipedia (0.5x if it is with another student, each subsequent post in the same discussion will be worth only 0.5x points or less if it is not meaningful). You can get double the points if you correctly help someone, for example by answering their query at the Wikipedia:Help desk
 - 5) adding a referenced table or list
 - 6) creating a userpage (up to 3 edit points, depending on how pretty you make it). Also modifying your signature to make it pretty will count for up to 1 point.
 - 7) adding a new listing to a Wikivoyage article
- Is the type of an edit you want to make not here? Ask me for how I'd grade it and I'll update this list

Extra credit opportunity

Students will have the opportunity to earn extra credit points by:

- creating an English-language Wikivoyage or Wikipedia article on an approved topic or improving an existing, approved one; excellent new articles may receive up to 5 extra credit points for each article, articles of lesser quality or expansions will receive fewer points;

Note on the diminishing returns and specialization: I want you to try to learn in various ways, so

focusing on only one type of extra credit activity will bring, eventually, fewer points, unless the quality of your contributions in that area rises significantly. What that means is that once you receive 10 points through one of the above venues, I will require your subsequent activities in that field (such as posting extra wiki edits) to be of higher quality (longer, more thoughtful), or if they stay as they were, I will award the points less frequently (so, instead of every other comment, I may award them for every four comments).

Summary

Attendance: 5%
Wiki paper: 70%
Discussions: 25%
Extra credit: ?%

Total: 100%

Grades

Grades for the class will be based on a conventional 0-100 point scale:

97.00 – 100.00% (and above)	A+
93.00 - 96.99%	A
90.00 - 92.99%	A-
87.00 - 89.99%	B+
83.00 - 86.99%	B
80.00 - 82.99%	B-
77.00 - 79.99%	C+
73.00 - 76.99%	C
70.00 - 72.99%	C-
67.00 - 69.99%	D+
63.00 - 66.99%	D
60.00 - 62.99%	D-
00.00 - 59.99%	F

LECTURE SCHEDULE

W1.1 September 1 (Friday) Intro week: intro to class, wiki, and other assignments

- a) optional: please watch the Courseweb video “Introduction to All Classes by Professor Piotr Konieczny” (40m)
- b) please watch the video “How to leave (and read) a Wikipedia talk message” (20m)
- c) please watch the video: “Explanation of the Wiki Dashboard feature” (5m)
- d) please start preparing for the Wikipedia Assignment Deadline 1 (account&group creation and other edits). Read the relevant section in the syllabus and then <https://tinyurl.com/wikiprojects> for more information (30m)
- e) please sign [our student list](#) and add your Wikipedia username there (as part of Wikipedia

Deadline #1)

f)

W2.1 September 4 (Monday) What is Wikivoyage? Basics of Wiki Editing

- a) optional: please watch video: "Basics of editing" (30m)
- b) optional: please watch video: "How to make 10 weekly edits on Wikipedia" (25m)
- c) optional: please watch video: "Introduction to Wikivoyage" (35m)
- d) optional: please watch the video: "Rules of Wikivoyage"
- e) please make your weekly constructive wiki edits (20m)
- f) please read: <https://en.wikivoyage.org/wiki/Wikivoyage:About>
- g) please read: <https://en.wikipedia.org/wiki/Wikivoyage>
- h) please do the student wiki orientation module
(https://en.wikipedia.org/wiki/Wikipedia:Training/For_students) (25m)
- i) please finish the Wiki Assignment Deadline 1
- j) please start preparing for the Wikipedia Assignment Deadline 2 (choosing your group Wikivoyage topic)

W2.2 September 8 (Friday) Wikivoyage assignment practice

W3.1 September 11 (Monday) Wikivoyage assignment practice

W3.2 September 15 (Friday) The Scope of Wikivoyage: What Wikivoyage Is (Not)

What can we do with Wikivoyage? All the cool places in and around Ansan.

- a) please finish the Wiki Assignment Deadline 2 (tell your topic to the instructor)
- b) please make your weekly constructive wiki edits (20m)
- c) optional: please watch the video: "Exploring Ansan and Gyeonggi Province, wiki-style"

W4.1 September 18 (Monday) Who writes Wikivoyage? Why do you think people use Wikivoyage? Why do others write for it?

- a) optional: please watch the video: "Who writes Wikivoyage"
- b) optional: please watch the video: "Understanding Wikipedia: 3.2 Who writes Wikipedia? Wikipedians" (45m)

W4.2 September 22 (Friday) Wikivoyage assignment practice

- d) please make your weekly constructive wiki edits (20m)
- e) please start the Wiki Assignment Deadline 3 (first draft)
- f) optional: please watch the video: "Basics of the Wikivoyage assignment"

W5.1 September 25 (Monday) Wikivoyage assignment practice

W5.2 September 29 (Friday) Quality of Wikivoyage. Can we trust Wikivoyage? Note: holiday - you can watch the videos/do the assignments next week

- g) please make your weekly constructive wiki edits (20m)
- h) please finish the Wiki Assignment Deadline 3 (show your draft to the instructor)
- i) please read:
<https://lifehacker.com/wikivoyage-is-the-travel-guide-to-everywhere-1823713768>
- j) please read:

<https://www.emerald.com/insight/content/doi/10.1108/OIR-03-2020-0104/full/html>

W6.1 **October 2 (Monday)** Holiday - practice wiki edits at home

W6.2 October 6 (Friday) Wikivoyage is free content: What is Free Culture? The remix culture.

- a) optional: please watch the video: "Topics in Sociology: Internet" (30m)
- b) optional: please watch the video: "Understanding Free Culture" (20m)
- k) please make your weekly constructive wiki edits (20m)
- l) please start the Wiki Assignment Deadline 4 (second draft)

W7.1 **October 9 (Monday)** Holiday - practice wiki edits at home

W7.2 October 13 (Friday) Wikivoyage assignment practice

- m) please make your weekly constructive wiki edits (20m)
- n) please finish the Wiki Assignment Deadline 4 (show your draft to the instructor)

W8.1 October 16 (Monday) Wikivoyage assignment practice

W8.2 October 20 (Friday) Wikivoyage assignment practice

- o) please start the Wiki Assignment Deadline 5 (third draft)

You are still required to carry out your weekly Wikivoyage edits!

W9.1 October 23 (Monday) Introduction to Wikimedia Commons. Understanding categories.

- a) please read: https://en.wikipedia.org/wiki/Wikimedia_Commons
- b) optional: please watch the video "How to add images to a Wikipedia article" (15m)
- c) optional: please watch the first half of the video: "Understanding Wikipedia: Categories and other tools of organization" (75m)
- d) please finish the Wiki Assignment Deadline 5 (show your draft to the instructor)

W9.2 October 27 (Friday) Wikivoyage and Wikimedia Commons

- p) please make your weekly constructive wiki edits (20m)
- q) optional: please watch the video: "Understanding Wikipedia: Images and other media" (75m)

W10.1 October 30 (Monday) Wikivoyage : How to write quality content

W10.2 November 3 (Friday) Wikivoyage assignment practice

- r) please make your weekly constructive wiki edits (20m)
- s) please start the Wiki Assignment Deadline 6 (fourth and final draft)

W11.1 November 6 (Monday) Introduction to Wikidata

- a) please finish the Wiki Assignment Deadline 6 (show your draft to the instructor)
- b) optional: please watch the video: "Understanding Wikidata"
- c) optional: please watch videos on introduction to Wikidata: 1)
<https://www.youtube.com/watch?v=eVrAx3AmUvA> 2)
<https://www.youtube.com/watch?v=B59vEET-nEk>

W11.2 November 10 (Friday) Wikivoyage assignment practice

- t) please make your weekly constructive wiki edits (20m)
- u) please read: <https://en.wikipedia.org/wiki/Wikidata>

v) please read: <https://www.wired.com/story/inside-the-alexa-friendly-world-of-wikidata/>

W12.1 November 13 (Monday) Wikidata. Queries

W12.2 November 17 (Friday) Wikidata. Queries. Cont.

w) please read <https://dashboard.wikiedu.org/training/wikidata-professional>

x) please make your weekly constructive wiki edits (20m)

W13.1 November 20 (Monday) Criticism of Wiki projects. Globalization: Systemic bias

W13.2 November 24 (Friday) Alternatives to Wikivoyage. Can Wikivoyage disappear?

y) please make your weekly constructive wiki edits (20m)

W14.1 November 27 (Monday) Wiki projects as a Social Movement

W14.2 December 1 (Friday) Future of Wiki projects

z) please make your weekly constructive wiki edits (20m)

W15.1 December 4 (Monday) Wikivoyage/Wikidata assignment practice

W15.2 December 8 (Friday) Wikivoyage/Wikidata assignment practice

aa) please make your weekly constructive wiki edits (20m)

W16.1 December 11 (Monday) Wikivoyage assignment practice

W16.2 December 15 (Friday) Wikivoyage assignment practice

COURSE POLICIES

Attendance: Attendance at lectures is obligatory. When you miss a lecture it is your responsibility to arrange to get caught up on the material. Missing $\frac{1}{3}$ or more of classes results in administrative failure, regardless of points total.

Academic Integrity: Students in this course will be expected to comply with the Hanyang University Policy on Academic Integrity. Any student suspected of violating this obligation for any reason during the semester will be required to participate in the procedural process, initiated at the instructor level, as outlined in the University Guidelines on Academic Integrity. In particular, cheating during exams will result in a reduction of the exam score, up to and including negative points.

Behavior: No sleeping in class. If you are sleeping, I may ask you to leave the classroom. I may also reduce your attendance (if you are sleeping, you are not really attending the class!).

Copyright: by taking this course, you agree that your work published on our blog or other websites will be under a free and open license (CC-BY-SA 3.0).

Discussions: We must maintain respect for every individual who offers input. If you disagree with something said in class, respond to that IDEA, do not attack the person who said it.

Do not speak while I or another student is speaking. If you do, I will ask you to be quiet,

repeated offenders will be asked to leave the classroom and will receive penalties to their attendance.

Active participation in discussions may result in extra credit points.

Electronic devices: This is an IT-friendly class. You are welcome to bring a laptop, a tablet, or a similar device to class and use them for note-taking. But if you want to surf the 'net for unrelated topics, why bother coming to class? All phones, pagers, and such should be set on silent, and should not be used to communicate with people outside class during the class duration. If, after being warned to cease using such a device, a student persists in doing so, the instructor will ask him or her to leave the classroom.

Email, Course website: It is the university policy that you are required to check your email and course website (our blog) for important announcements regarding this class. It is your responsibility to do so.

English language: in this course, you are expected to communicate in English. While I am neither correcting nor grading grammar and other aspects of language, it is your responsibility to ensure your communication is understandable. If I cannot understand your writings or such, they will be failed. Students not prepared to do the discussion, reading, and writing assignments in English *should not enroll in this course*.

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