



1. General Information

Course Subject	MKTG
Course Number	3528
Course Title	Marketing Analytics
Academic Years	2024-2025
Grading Method	Letter

2. Instructors

Professor ZHUANG, Austin Mengzhou
Office: Room 706 7/F K.K. Leung Building
Email: mzhuang@hku.hk
Office: 3910 2183
Subclasses: 2A

4. Course Description

Course Description	This course is about analyzing marketing data. The focus of this course is on understanding the popular data structure, analyzing data and making sense of the results. We will focus on understanding data that are relevant to marketers, the types of data available, and basic analysis using Excel, SPSS, and Tableau. Course participants will learn to summarize, analyze and interpret the widely adopted data structure. This course will emphasize on defining a research question and the analytic techniques per se. Lastly, students will get a sense of the state-of-the-art marketing research techniques play in the modern Business.
Prerequisites	MKTG2501: Introduction to Marketing

5. Course Objectives

1. Develop a basic understanding of the techniques used by data analysts
2. Understand a variety of statistical methods and develop the ability to analyze, interpret and report results
3. Build skills to communicate the results to managers to make marketing decisions within the organization

6. Faculty Learning Goals

- Goal 1: Acquisition and internalization of knowledge of the programme discipline
- Goal 2: Application and integration of knowledge
- Goal 3: Inculcating professionalism
- Goal 4: Developing global outlook
- Goal 5: Mastering communication skills
- Goal 6: Cultivating leadership

7. Course Learning Outcomes						
Course Teaching and Learning Activities	Aligned Faculty Learning Goals					
	1	2	3	4	5	6
CLO1. Understand the popular data structures	✓		✓			
CLO2. Integrating and summarizing the marketing research data	✓	✓	✓			
CLO3. Apply basic data analysis methods	✓	✓	✓			
CLO4. Visualizing and communicating key information and results	✓	✓			✓	
CLO5. Demonstrate effective communication skills				✓	✓	✓

8. Course Teaching and Learning Activities		
Course Teaching and Learning Activities #	Expected Study Hours	Study Load (% of study)
T&L1. Interactive Lectures with Discussions/Class Work	36	27.3
T&L2. Individual Assignments	48	36.4
T&L3. Self Study	48	36.3
	Total: 132	Total: 100

9. Assessment Methods			
Assessment Methods	Description	Weight %	Aligned Course Learning Outcomes
A1. Participation	Attendance, participation, and in-class exercises	20%	1,5
A2. Individual Assignments	4 individual assignments	40%	1,2,3,4
A3. Group Project	Oral presentation and a final project write-up	40%	1,2,3,4,5
A4. Final Exam		0%	

10. Course Grade Descriptors	
A+,A,A-	The candidate has consistently demonstrated a thorough grasp of the subject evidenced by original or exceptionally astute analysis and synthesis of the questions with the relevant course materials. Most of the responses are well organized, clear, and with sufficient elaboration.
B+,B,B-	The candidate frequently demonstrated a substantial grasp of the assignment questions and understandings of course materials. Most of the responses are well organized and sufficiently stated, but some parts require more elaboration.
C+,C,C-	The candidate basically demonstrated a substantial grasp of the assignment questions and understandings of course materials. Some of the responses are not well organized, unclear, or with insufficient elaboration.
D+,D	The candidate seldomly demonstrated a grasp of the assignment questions and understandings of course materials. Most of the responses are not well organized, unclear, or with insufficient elaboration.
F	The candidate demonstrated little evidence of basic familiarity with the assignment

10. Course Grade Descriptors

questions and relevant course materials. All the responses are not well organized, unclear, or with insufficient elaboration.

11. Course Content and Tentative Teaching Schedule

Topic/ Session	Content
1	Syllabus & Course Requirement
2	Marketing Analytics Overview
3	Data Sources
4	Summarize Marketing Data
5	Pricing Analysis
6	Forecasting and Basic Regression Methods
7	Customer Value
8	Market Segmentation
9	Internet and Social Marketing
10	Online Advertising
11	Group Project Presentation

12. Required/Recommended Readings & Online Materials

Textbook	(Recommended) Wayne L. Winston: Marketing Analytics: Data-Driven Techniques with Microsoft Excel 1st Edition, ISBN= 111837343X
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13. Means / Processes for Student feedback on Course

✓	Conducting mid-term survey in additional to SETL around the end of the semester
	Online response via Moodle site
	Others

14. Course Policy

HKU Regulations on Academic Dishonesty:

We are serious in students' ethical conduct. The University Regulations on academic dishonesty will be strictly enforced.

- We do not tolerate students engaging in academic dishonesty which includes, but is not necessarily limited to, plagiarism, paraphrasing of someone else's ideas, unauthorized collaboration on out-of-class projects, cheating on in-class exams, and unauthorized advance access to an exam
- Students are expected to be aware of what plagiarism is and how to avoid it. Please refer to the HKU policies on plagiarism.
- Students should also be familiar with the HKU regulations and policies, particularly on attendance, absence, examination, and copyright. Please refer to the HKU Undergraduate Student Handbook and HKU Examination Unit webpage.

Special Accommodations: If you have any condition, such as a physical or learning disability, which will require academic accommodations, please notify me within the first week of the class, and I will strive to accommodate your needs.

Deadlines: All deadlines in the course are to be strictly adhered to. If you must turn work in late, I will deduct 10% for late submission penalty.

Technology: As a courtesy to both the instructor and your fellow students, all pagers, cell phones, electronic games, radios, CD/MP3 players, or other devices that generate sound must be turned OFF during class. Set phones to vibrate mode if you must use the phone in extreme conditions (that are notified to me before class). During exam periods, cell phones MUST BE TURNED OFF and stored in your bag, purse, etc.

15. Additional Course Information

Moodle Course Web Site:

- Students are expected to access the Moodle course frequently for learning supports and new announcements.

Turnitin Check:

- Students should avoid plagiarism and have proper citations for their work. Students' written assignments and reports will be subjected to Turnitin for originality check.