

Course Syllabus

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Sports Analytics: A Capstone Course












Professor Abraham Wyner

The class will meet every Thursday at 3:30 PM. Technically, we end at 6:30 but I will strive to finish closer to 6:00 PM (if possible).

You grade will be based on 4 assignments. The first is an individual assignment and the second is a group assignment as are the last two. You can switch up your groups, after each group assignment. Groups can be up to four students, ideally 3 in each group.

My office is 309 WARB, let me if you want to talk. We have two PhDs for the course. Hua Wang (wanghua@wharton.upenn.edu (<mailto:wanghua@wharton.upenn.edu>)) and Ryan Brill (ryguy123@sas.upenn.edu (<mailto:ryguy123@sas.upenn.edu>)). Hua will be managing the kaggle submissions and can help with coding and statistics. Ryan is an expert on sports analytics and he is the go to person for sports related questions (as well as statistics and coding). In addition, Justin Lipitz and Sarah Hu, students, will also be assisting me with the course and will be available to help you if needed.

Course Summary:

Date	Details	Due
Thu Jan 12, 2023	 Background (https://canvas.upenn.edu/courses/1704320/assignments/10817093)	due by 11:59pm
Thu Jan 19, 2023	 Assignment 1 (https://canvas.upenn.edu/courses/1704320/assignments/10862553)	due by 11:59pm
Tue Jan 24, 2023	 Ryan Brill's Office Hours (https://canvas.upenn.edu/calendar?event_id=3844588&include_contexts=course_1704320)	4pm to 5pm
Thu Jan 26, 2023	 Assignment 2 (https://canvas.upenn.edu/courses/1704320/assignments/10864139)	due by 3:30pm
Tue Jan 31, 2023	 Ryan Brill's Office Hours (https://canvas.upenn.edu/calendar?event_id=3844589&include_contexts=course_1704320)	4pm to 5pm
Tue Feb 7, 2023	 Ryan Brill's Office Hours (https://canvas.upenn.edu/calendar?event_id=3844590&include_contexts=course_1704320)	4pm to 5pm
Thu Feb 9, 2023	 Assignment 3 (https://canvas.upenn.edu/courses/1704320/assignments/10817092)	due by 3:30pm
Tue Feb 14, 2023	 Ryan Brill's Office Hours (https://canvas.upenn.edu/calendar?event_id=3844591&include_contexts=course_1704320)	4pm to 5pm
Tue Feb 21, 2023	 Ryan Brill's Office Hours (https://canvas.upenn.edu/calendar?event_id=3844592&include_contexts=course_1704320)	4pm to 5pm
Thu Feb 23, 2023	 Final Project (https://canvas.upenn.edu/courses/1704320/assignments/10817094)	due by 3:30pm
Tue Mar 7, 2023	 Ryan Brill's Office Hours (https://canvas.upenn.edu/calendar?event_id=3844594&include_contexts=course_1704320)	4pm to 5pm