Free Write:

An AI that will create a schedule based on the Myers-Briggs Personality Types. The AI will be given a set of required subjects a student wants in their schedule and the Myers-Briggs personality scales which it will then use to find the optimal classes for said student. In order to implement this, the school will be required to tag each course and the classes within the course with identifiers that will help the AI decide whether the course fits with the personality type.

The personality scales will help the AI with priority decision making. Each scale will have two personality traits, one on each end of the scale with a slider that indicates how much of one of the two types a person is.

Visual of how the scales might look on the user (the students) end:



The computer will receive the percentages and use this to sort through the course options to find the classes the student is most likely to enjoy. The percentages help weight the tags to determine priority.

There will be two levels of tagging on the University side of things.

The first level is the course tags, and will be how AI narrows down the potential courses for the student since there may be hundreds of courses for a given subject. The course tags are all the tags selected by the classes within the course.

Visual of how this might be implemented:



Tag Meanings:

**Interactive**: The students are expected to interact with others as part of the course, this includes in-class discussions, group work or projects, being expected to answer questions in class, or presenting information.

**Non-Interactive**: Though participation in-class may be encouraged, there are no requirements to interact with the professor or others. Courses that are non-interactive may be lecture heavy.

**Grounded**: The course is heavily based in reality and will likely focus on real-world events and proven-theories and ideas. Focuses less on the “what-ifs” and fantasy.

**Creative**: Students will be expected to think creatively in order to succeed in the class. The students may have to make things, come up with original ideas, or think outside the box. It may also display that the Professor values creativity in assignments/projects.

**Objective**: Personality will not factor into the course experience outside of how the class is taught. Different beliefs and ideas should not factor into the assignments or overall class experience.

**Impressionistic**: Indicates that there will be differing views and ideas on the subject. Professor bias is likely embedded into class simply due to the nature of the course as it focuses on things that are individualized such as humor.

**Fact-Based**: Does the class teach things with a right or wrong answer? Assignments and quizzes are unlikely to have a variety of answers to a single question.

**Abstract**: There is no strictly right or wrong answer. The class may focus on a student using evidence to prove their answer is valid or explain an interpretation/belief.

**Essays**: The students will be expected to write essays for this class.

**Lecture Heavy**: The Professor will spend a majority of the class time lecturing.

**Quizzes**: Students will have to take multiple quizzes as part of the course.

**Projects**: Students will have to do projects for this course.

**Discussions**: Students will have to participate in discussions.

**Group Work**: Students will have to work in groups.

**Problem-Solving**: The class focuses on finding answers or solutions.

**Situational Understanding**: The class focuses on the student’s ability to understand a concept or event using knowledge taught in the class. Students will likely have to be able to use what they have learned to analyze, draw conclusions, and/or make inferences.

**In-Person**: The class meets physically in-person.

**Online**: This is an online course and meets online (or not at all).

////////////////

Tag Ideas:

* How interactive is the class? Is there a lot of discussion and group work involved or is it mostly Lectures or activities involving working alone?
* Is it more creative or hard fact based? Is there no creativity involved (such as say in a math class) or is it mostly creativity (such as say in an arts class)?
* Are the concepts being taught abstract (like in Philosophy) or is there a correct answer?
* Does the class have a rigid structure or is it more flexible/prone to changes?
* Problem solving vs situational understanding