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| Machine Learning Teaching Rubric | | | | |
| Learning Objective | Examples | Achieves | Mostly There | Developing |
| Essential questions and objectives are thoughtful, realistic, and scaled. | - Gets to the heart of the topic  - Abstracted at the appropriate difficulty level  - Identifies and provokes interesting discussions  - Sets up students for success in future CS classes | All | Most | Inconsistent |
| Lessons flow in a way that builds student understanding | - Difficulty and intensity build  - Jumps in difficulty aren’t too large  - Topic is examined from multiple different perspectives  - Lessons use provided time well |  |  |  |
| Materials are provided and are professional | - Slides (if applicable) are visually interesting and flow well  - Worksheets/homework (if applicable) include instructions and are self-obvious  - Worksheets/homework (if applicable) require a realistic amount of time to complete  - Rubrics (if applicable) are clear, achievable, and eliminate ambiguity |  |  |  |
| Assessment accurately measures students understanding | - Questions/activities highlight mastery or confusion  - Questions test generalizability of students understanding |  |  |  |
| Lessons identify and utilize best-practice techniques throughout lesson | - Lessons utilize at least 5 different “best practice” techniques  - “Best practice” techniques are identified in parentheticals and highlighted in green wherever they occur in lesson plan  - All opportunities to apply “best practice” are taken |  |  |  |
| Lesson is engaging | - Lesson reframes/explains a real-world concept  - Lesson requires some sort of problem solving/logic  - Lesson allows students to show creativity |  |  |  |
| Chat bot queries lead to a higher quality lesson | - All ChatBot queries are documented  - The effects on your lesson/thinking caused by the answers are documented |  |  |  |
| Analogs to ML are identified throughout the lesson | - Vocabulary from ML lessons are identified in parentheticals and highlighted in red wherever appropriate in lesson plan |  |  |  |