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Teaching Ethics in the Era of Data

In this talk, I will discuss the integration of ethics into statistical education through the Embedded Ethics program developed by the Department of Statistical Sciences in collaboration with the Department of Philosophy. Recognizing that ethics permeates all aspects of statistics, we have introduced ethics modules in four undergraduate statistics courses. I will specifically focus on the implementation of these modules and the associated ethics assessments in a large third-year statistics course taught in Fall 2023. The presentation will highlight the benefits of this program while also addressing the challenges we encountered. Additionally, I will outline plans for future adaptations and the expansion of the program to include more courses.