Ethics Assignment

‘The ACM Code of Ethics and Professional Conduct ("the Code") expresses the conscience of the profession.’

Must be complied by all ACM members

Kinda Surprising but I agree:

‘Computing professionals should promote environmental sustainability both locally and globally.’

Kinda don’t agree:

‘"harm" means negative consequences, especially when those consequences are significant and unjust’

**Who decides whether a negative consequence (injury, disclosure, damage) is unjustified or not**

“Computing professionals should only use personal information for legitimate ends and without violating the rights of individuals and groups.” Same thing

What makes a rule unethical, who decides whether a rule has sufficient moral ground

1. Something in the code you found surprising, but that you agree with.

“When harm is an intentional part of the system, those responsible are obligated to ensure that the harm is ethically justified. In either case, ensure that all harm is minimized.”

1. Something in the code that you do not agree with

“Computing professionals should not claim private ownership of work that they or others have shared as public resources”

What if others shared it publicly without your consent and when you find out in the future, you want to claim ownership of the work?

” Professionals should be cognizant of any serious negative consequences affecting any stakeholder that may result from poor quality work and should resist inducements to neglect this responsibility.”

Stakeholders for my Project and their Potential Negative Impact

*Investment Managers*: Loss of Job or decline in job reputation (If algorithm is consistently very good in prediction)

*Data Scientists*: Loss of Job or decline in job reputation (If algorithm is consistently very poor in prediction)

*Investors*: Financial Losses (If predictive algorithm is inaccurate)

*Federal Open Market Committee (FOMC)*: ineffective government economic policies

*Stock Companies*: Financial Losses (If algorithm predicts the stock of a company will go down, it will influence people to sell that company’s stock)