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Lab 13

1. How would you consult the companies that face the following situations in their operations? If applicable, what specific coding statements would you add or edit? Capture and summarize your group discussion.

a. “Thousands of Authors Ask AI Chatbot Owners to Pay for the Use of Their Work”
    - Can we train the AI system to pick out piracy websites and avoid them, and maybe by also filtering keywords associated with piracy sites.
    - Training the system to only gather information from official websites and get permission from the creators and authors/ or give compensation to them.
    - Train models to analyze URLs and other activity in sites associated with piracy.
    - Stop using others' work and hire professionals to teach the model with different styles.
b. “Cleaning up ChatGPT Takes Heavy Toll on Human Workers”
    - Treat them nicer (although the parent companies hiring them don’t seem to care) maybe something like Google has for its employees: a relaxation area.
    - Not exploit them and maybe they can handle more.
    - Provide a form of therapy or consulting for their mental health.
    - Regular breaks are essential to help refresh their minds.
    - Their compensation should be adequate for the work they do.
c. “Amazon Scraps Secret AI Recruiting Tool Bias Against Women”
    - Reduce the weight placed on gender within resumes or eliminate it from being taken into the system, especially with the current variety of genders these days.
    - Some industries can take gender into consideration: adapt each model for a specific industry or business if gender matters or not.

2. Using “the virtual Sully research project,” what coding statements would you add to your AI models (ML, DL, RL, Gen AI) that will be implemented in airplanes, fast trains, cars, buses, and public transportation vehicles? Discuss this with your group and agree to a final resolution. Pseudo Coding is fine, but respect the coding standard and logic in your pseudo-code Lines.

- Use simulation data to train it as much as possible to a parameter wanted.
- An AI working in each component so that failure is detected and handled before it fails as a whole.
- Sensor data of machine parts.
- Adapt each AI system to each type of vehicle/form of transportation, then focus on more specific sections of the vehicles with AI.
- Putting cameras under airplanes to analyze the surface for possible landing / trained camera, complicated.