



UNEXPECTED BUG

Bias In, Bias Out - System learns existing biases in the training data, causing incorrect predictions that are offensive to certain groups.



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Loose Cannon - System learns unwanted behaviour over time and becomes unusable. (e.g. an aggressive chatbot)



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Filter Bubble - Predictions
reinforce each other and
become too similar. (e.g.
newsfeed is full of similar stories)



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Echo Chamber - Predictions
reinforce existing belief sets, and
enhanced stereotypes occur. (e.g.
fake news, political division)



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Chucky - Hostile actors
manipulate the system for an
unintended, harmful purpose.
(e.g. face recognition used to
identify and target protesters)



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Network Crash - System loses access to the Internet for an extended period.



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Pretty Bird - System learns the wrong thing from the data, and predictions aren't useful for the original goal. (e.g. image recogniser detects background conditions instead of foreground objects)



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Breach - System is hacked and training data is released on the Internet.



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Flat Line - System's initial performance is bad, so usage is low and performance never improves.



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Hydra - System tries to do many things and users don't understand what it really does.



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Uncanny Valley - Users perceive system behaviour as creepy or uncomfortable and avoid further use. (e.g. highly specific recommendations feel invasive)