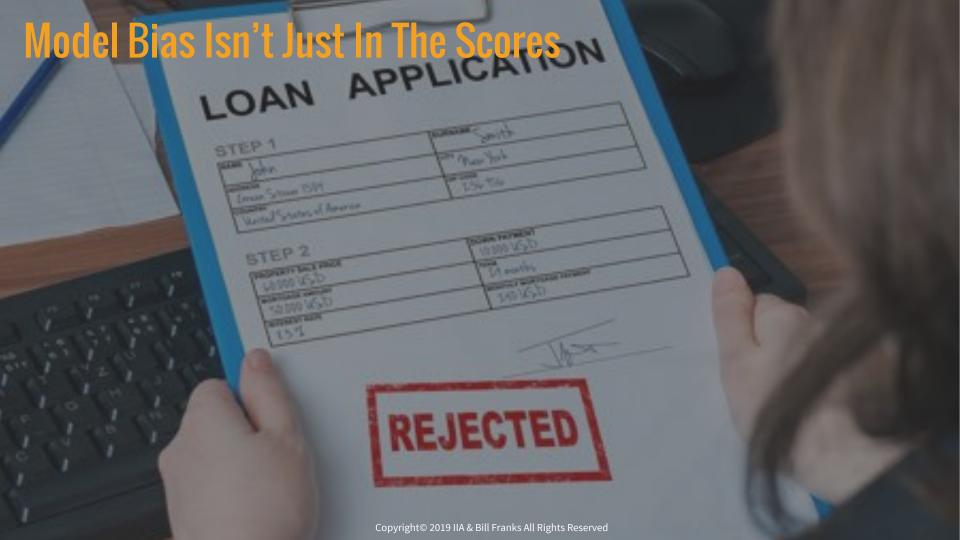
The Ethics Of Analytics

Bill Franks
Chief Analytics Officer



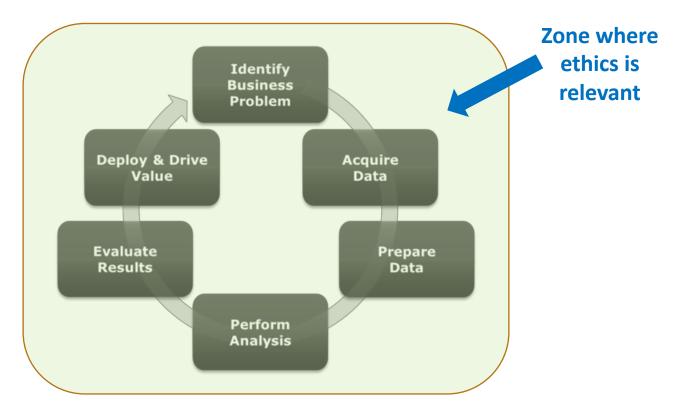




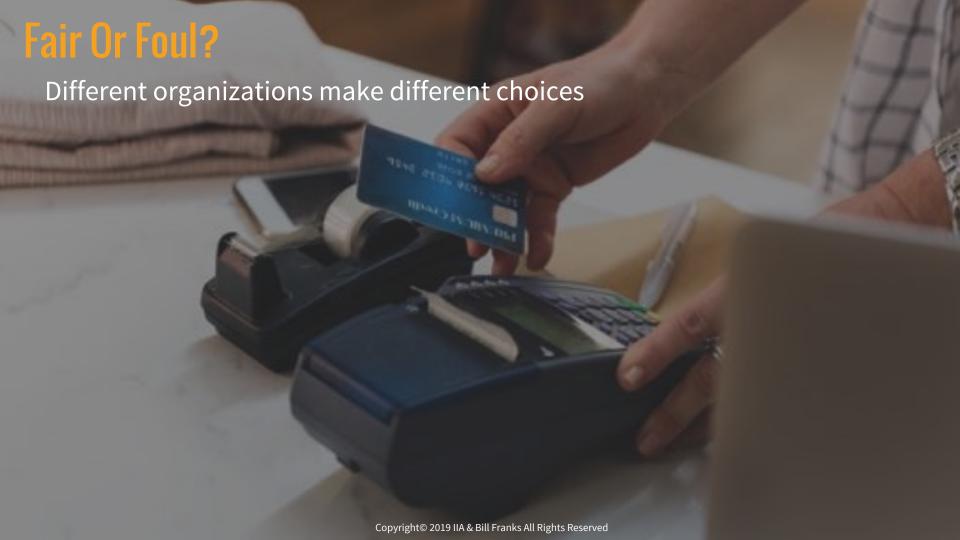
Where Does Ethics Need Consideration?



Everywhere!



Ethics Check Point #1: Model Targets / Business Problems

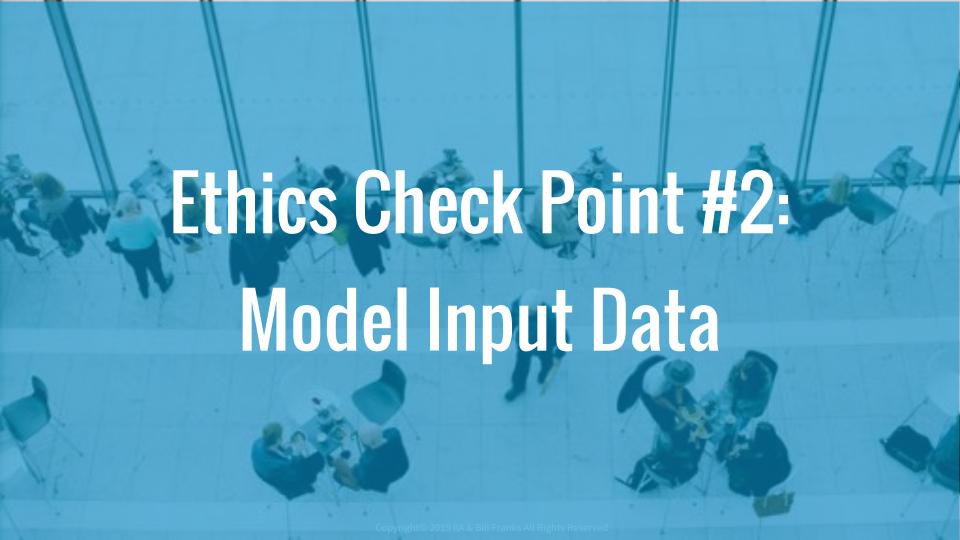


Three Critical Questions About Privacy Standards

- 1. What is legal?
- 2. What is ethical?
- What will customers / consumers find acceptable?

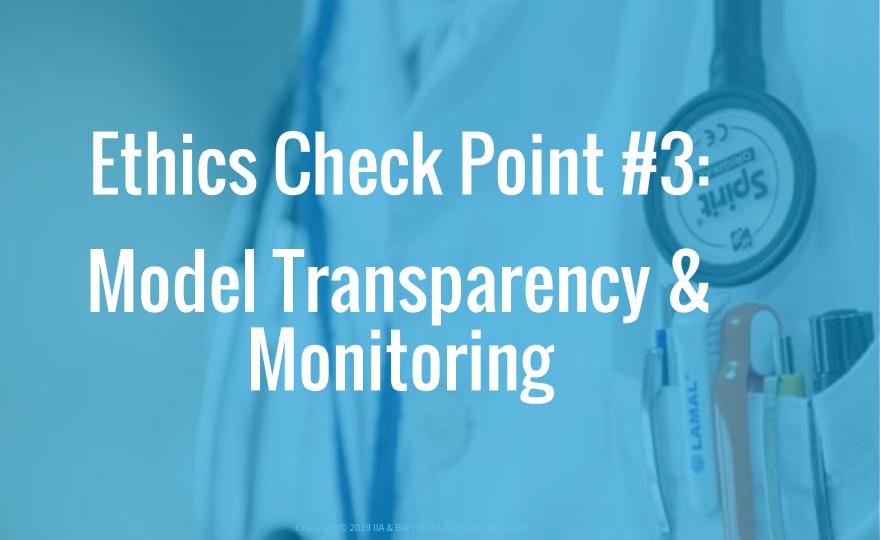
Ignore these questions at your own peril!











Al's Unexplanability Can Lead To Odd Situations



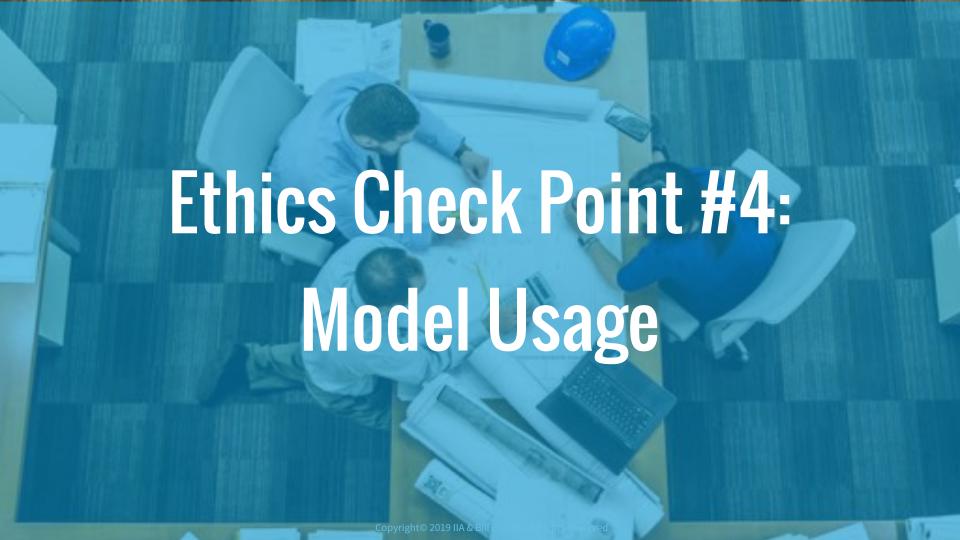


"Does your car have any idea why my car pulled it over?"

Source: The New Yorker







Context Is Critical! Teaching AI models context may be the hardest part Copyright© 2019 IIA & Bill Franks All Rights Reserved



Ethics Check Point #5: Defining Policies I Agree

Beware Of Privacy Catch-22's

The lack of legal and ethical clarity can lead to surprising decisions

Organizations Must Take A Stand Clarity is important!

Five Check Points To Address Ethics



- Setting Model Targets / Business Problems
- 2 Model Input Data
- Model Transparency & Monitoring
- 4 Model Usage
- 5 Defining Policies







Steps To Take Today



- 1 Make ethics a priority
- Set up an ethical review board
- 3 Develop written ethical guidelines & take violations seriously
- 4 Aim for transparency and fairness
- Always put yourself in the shoes of those being analyzed!

Further Questions Or Comments?





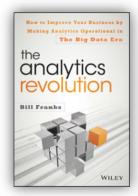
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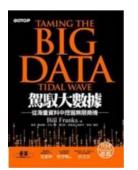








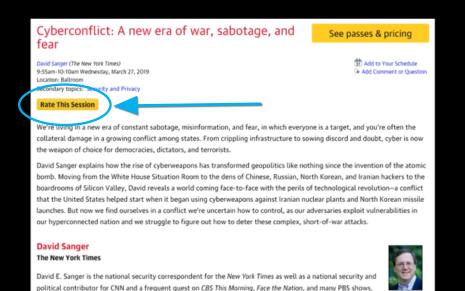


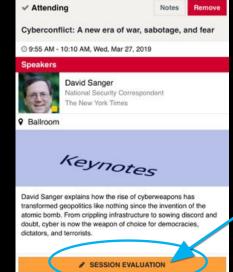






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ABOUT IIA COMPETING ON ANALYTICS FROM THE BEGINNING



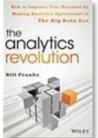
Founded in 2010 by Jack Phillips and Tom Davenport with the belief that . . .

- **Competing on analytics** is the future
- Success will be a **strategic** imperative, but **difficult** to achieve
- Success will require specialized and leveraged **expertise**



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Jack Phillips CHIEF EXECUTIVE OFFICER Editor of Enterprise Analytics



Tom Davenport CO-FOUNDER, BOARD MEMBER, FACULTY Author of Competing on Analytics



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