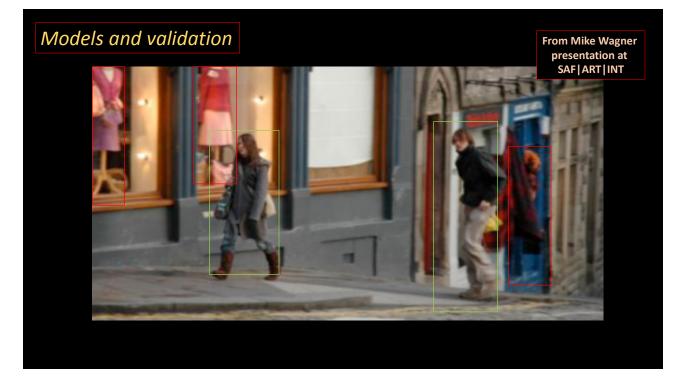


## Models and validation



From Mike Wagner presentation at SAF|ART|INT

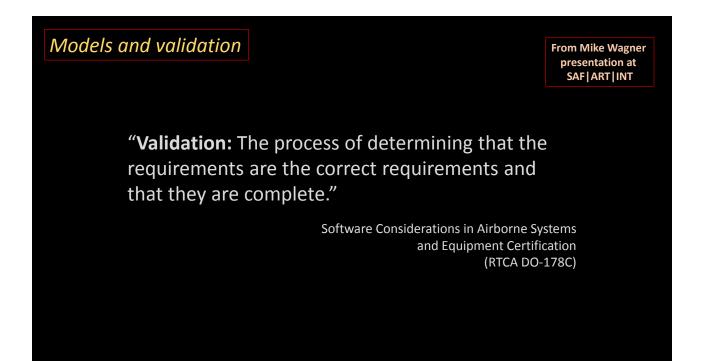
"The car shall [stop] for [pedestrians] [in a crosswalk]."

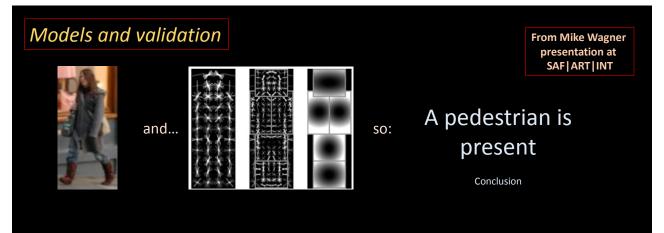


## Models and validation



From Mike Wagner presentation at SAF|ART|INT



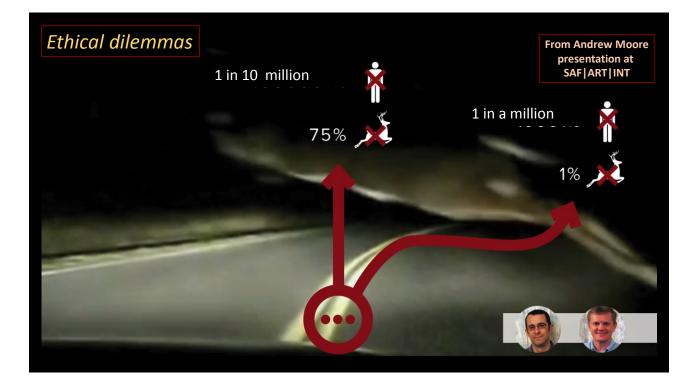


Because we observe [data], and since we agree that [warrant], then you should accept that [conclusion] is true.



**Toulmin Model of Argument** 





Introduction	Ed Felten (White House OSTP) Bill Scherlis (CMU)
Al applications, safety requirements, big ideas	Manuela Veloso (CMU) John Launchbury (DARPA) Jason Matheny (IARPA) Andy Grotto (White House NSC)
Al Algorithms, Intrinsic Safety, Explanations, Evaluations	Claire Tomlin (UC Berkeley) Tom Dietterich (Oregon State) Emma Brunskill (CMU) Michael Littman (Brown)
Mathematical Models and Reasoning	Jeannette Wing (Microsoft) Kathleen Fisher (Tufts) Anupam Datta (CMU) Sarah Loos (Google)
Systems and Safety Engineering	Mike Wagner (CMU) Drew Bagnell (Uber) Reid Simmons (NSF) Brian Murray (ZF) Doug Schmidt (Vanderbilt)

## June 27, 2016 – Carnegie Mellon Exploratory Workshop

Context	Ed Felten (White House OSTP) Bill Scherlis (CMU) Eric Horvitz (Microsoft)
Perspective	Andrew Moore (CMU) Richard Mallah (Future of Life Inst) Tom Mitchell (CMU
Focus	Dario Amodei (Google Brain) Claire Le Goues (CMU) Robert Rahmer (IARPA)

