

① False. There is Bias in data and algorithms. Bias in algorithms is referred to as algorithmic fairness.

② Images of politicians would exhibit a historical bias in that most of them would be white and male. This is representative of politicians historically in the US.

③ Evaluation bias. You don't know how your model will perform on other, perhaps more diverse data.

④ Another hiring example may discriminate against LGBT+ people based on extracurricular activities on their resume.  
Or age, based on year graduated from college.

⑤ Names are pretty gendered.  
So it could learn based on male/female leaning names.  
Sally vs. Tom.