In order to maximize Al benefits, we recommend nine steps for  
going forward:  
e Encourage greater data access for researchers without  
compromising users’ personal privacy,  
e invest more government funding in unclassified Al research,  
© promote new models of digital education and Al workforce  
development so employees have the skills needed in the 21°'-  
century economy,  
e create a federal Al advisory committee to make policy  
recommendations,  
engage with state and local officials so they enact effective  
policies,

Qualities of artificial intelligence  
Although there is no uniformly agreed upon definition, Al generally is  
thought to refer to “machines that respond to stimulation consistent  
with traditional responses from humans, given the human capacity  
for contemplation, judgment and intention.” According to  
researchers Shubhendu and Vijay, these software systems “make  
decisions which normally require [a] human level of expertise” and  
help people anticipate problems or deal with issues as they come  
up.4 As such, they operate in an intentional, intelligent, and adaptive