

## Rewriting Myths Challenge Answer Key

1. **Myth:** AI has emotions and can feel happiness or sadness.  
**Corrected:** AI does not have emotions. It can only simulate emotional responses based on patterns.
2. **Myth:** AI will soon take over the world and control humans.  
**Corrected:** AI is a tool controlled by humans, not an independent force planning to take over.
3. **Myth:** AI never makes mistakes.  
**Corrected:** AI can and does make mistakes, especially when trained on flawed or incomplete data.
4. **Myth:** AI is guaranteed to replace every single human job.  
**Corrected:** AI will change the types of work people do, but it also creates new jobs and works best alongside humans.
5. **Myth:** AI is always neutral and fair.  
**Corrected:** AI can reflect human biases in its training data, which means it isn't always neutral.
6. **Myth:** AI is alive, just like animals or people.  
**Corrected:** AI is not alive; it is software running on computers.
7. **Myth:** AI can think for itself and set its own goals.  
**Corrected:** AI cannot set goals. It only follows the instructions and objectives given by humans.
8. **Myth:** AI works completely without humans.  
**Corrected:** AI requires humans to design, train, manage, and update it.