career ★ girls

Name:..

Date:..

Explore Careers in AI: Independent Learning Guide

The role models in the video "Explore Careers in AI" describe some of the careers available in the field of AI. They also discuss the exciting projects that women with careers in AI get to work on.

Watch the video "Explore Careers in AI" at least once. Then read each statement below. Think carefully about each question before you answer it.

1. **The role models in the video discuss many careers that are available in the field of AI. The video divides these careers into four categories. What types of things do the role models with careers in each of these categories do? We started the first column for you!**

Data and Machine Learning	Robotics	Human-Centered Design	AI Strategists
Build mathematical models.			

Which of these AI career categories sounds the most interesting to you? Why?

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2. **One role model told us that she works to think about the ways that technology impacts society, especially societies and cultures that are very different.**

   How do you think that technology has impacted society? How might people from other countries or with different backgrounds be impacted by technology differently than you are?

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3. **Listeners learned that AI careers aren't only related to coding or programming. In fact, there are many diverse ways that you can be involved in tech.**

   What AI careers were mentioned in the video that didn't seem related to coding or programming? What other ways can you think of to be involved in tech?

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4. **One role model told us that many careers use AI and that it is in everything that you do. She said that whether you're a doctor, a lawyer, or something else, you are going to use tools that require coding or programming.**

   How might a doctor or lawyer use AI in their career? What other careers can you think of that use or benefit from AI tools?

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5. **As part of their jobs, many of the role models told us about how they provide maps, language, and other types of knowledge to robots and computers.**

   Why is it important that humans are providing knowledge and programming to these computers and robots? Would computers and robots be able to do their jobs without this information? Explain your answer.

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6. **Role models worked with robots, cars, and drones; in the fields of education and anthropology; and with skills like problem-solving. AI is a very diverse field with lots of different kinds of careers and skill requirements.**

   What kind of person is best suited to a career in AI? What talents or interests might they have? Explain your answer.

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   Are you interested in a career in AI? Why or why not?

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