

Instructional Scenario Company Newsletter



Course/Duty Area: Advanced Computer Information Systems / Producing Word Processing Documents

Scenario:

You are an intern at a regional community bank. Each month the central bank office distributes a company newsletter for its employees, focusing on current and emerging information technology trends. Your manager has asked you to produce this month's newsletter to explain the characteristics and uses of artificial intelligence (AI) and machine learning.

Big Question:

How do businesses incorporate new technology into current operations?

Focused Questions:

- What are the features and qualities of AI and machine learning?
- What are the benefits of using AI?
- What are some of the dangers of using AI?
- How can students and businesses use AI to enhance their work?

Student Project or Outcome:

Students will explore the topics of AI and machine learning. They will learn about what AI is, its main features, and how it is applied in various fields. The focus will be on how AI has developed over time and its role in modern businesses. Additionally, students will engage in discussions about the legal and ethical responsibilities associated with the use of AI technology.

Project-Based Assessment:

Create a multi-page newsletter focusing on AI and machine learning. The newsletter should feature graphics, footers, page numbers, fields, and a QR code that links to a website. Students should apply design principles, layout techniques, and typography standards. Once completed, export the newsletter to PDF format for easy sharing and distribution.

Scenario submitted by Jessica Brookshire, Millbrook High School, Frederick County Public Schools