

1.Which practice ensures data protection and privacy standards compliance when using generative AI?

1 point

- ☒ Obtaining informed consent from individuals whose data is used in training or generating content.
- ☐ Ignoring privacy concerns and regulations.
- ☐ Incorporating techniques that increase biases in generated outputs.
- ☐ Striving for interpretability and explainability in generative AI systems.

2.What is one concern associated with generative AI models in software development?

1 point

- ☒ The potential for spreading false information
- ☐ The need for extensive training data
- ☐ The requirement to obtain informed consent from users.
- ☐ The ability to create synthetic vocal recordings

3.What does GPT stand for in the context of Large Language Models (LLMs)?

1 point

- ☐ General Processing Task
- ☒ Generative Pretrained Transformer
- ☐ Google's Programming Technique
- ☐ Graphical Processing Token

4.How do Large Language Models (LLMs) contribute to code quality in software development?

1 point

- ☐ Creating complex algorithms
- ☒ Automating testing and quality assurance
- ☐ Optimizing hardware resources
- ☐ Enhancing user interfaces

5.How does AI contribute to real-time architecture updates in software development projects?

1 point

- ☐ Quantum computing integration
- ☐ Automating code review
- ☐ AI as a service
- ☒ Providing insights into trade-offs

6.Which of the following is a future trend in software development that involves making AI systems understandable by humans?

1 point

- ☐ Quantum computing integration
- ☒ Explainable AI
- ☐ Rise of chatbots
- ☐ AI-powered development

7.In the context of web development, AI text generator produces _____.

1 point

- ☐ HTML and CSS codes

- ☐ Professional logos
- ☒ Aesthetically pleasing content
- ☐ SEO measures

8.What advantages does AI offer in terms of design standards for websites?

1 point

- ☒ Analyzes patterns
- ☐ Incorporates social media
- ☐ Detects bugs
- ☐ Includes images

9.What is a potential benefit of using AI-powered bug detection tools in coding?

1 point

- ☐ Increasing the chances of syntax errors
- ☐ Making debugging processes more time-consuming
- ☒ Detecting potential errors or bugs efficiently
- ☐ Ignoring errors in the code

10.Which of the following is a linguistic concept forming the foundation of NLP?

1 point

- ☐ Patterns
- ☒ Syntax
- ☐ Decision trees
- ☐ Thermodynamics