

For Section- MB, MK, LQ, MF, HU and HZ

Disclaimer: Don't completely rely on these questions check the transcript of every video lecture.

Regards:

Anziee

1. What is Generative AI (GenAI) primarily focused on?
 - a) Analyzing data patterns
 - b) Generating human-like outputs
 - c) Enhancing computational speed
 - d) Automating repetitive tasks

2. Which branch of Artificial Intelligence specializes in generating stories, paintings, and music?
 - a) Reinforcement Learning
 - b) Generative AI
 - c) Natural Language Processing
 - d) Computer Vision

3. What are "Content Crafters" in the context of Generative AI?
 - a) AI systems for organizing daily tasks
 - b) Virtual assistants for research
 - c) Systems for generating captivating storylines and characters
 - d) AI models for creating artwork

4. What role do "Art Geniuses" play in the realm of Generative AI?
 - a) Assisting in research tasks
 - b) Generating realistic human-like dialogues
 - c) Creating breathtaking artwork and composing music
 - d) Analyzing complex datasets

5. How do "Smart Helpers" contribute to daily life?
 - a) By generating story plots

- b) By designing logos
- c) By streamlining tasks and organizing schedules
- d) By composing music melodies

6. What does responsible use of Generative AI involve?

- a) Ensuring transparency, accountability, and privacy
- b) Maximizing profits without ethical considerations
- c) Ignoring data protection and privacy concerns
- d) Using AI for deceptive purposes

7. Which profession could benefit from Generative AI in decoding complex data efficiently?

- a) Teachers
- b) Artists
- c) Scientists
- d) Musicians

8. What distinguishes Generative AI from other branches of AI?

- a) It focuses solely on text generation
- b) It analyzes patterns in existing data
- c) It generates human-like outputs in response to prompts
- d) It specializes in computer vision tasks

9. How can Generative AI assist in overcoming writer's block?

- a) By providing grammar correction suggestions
- b) By generating captivating storylines and characters
- c) By analyzing data patterns for inspiration
- d) By organizing research materials efficiently

10. What values are emphasized for the responsible use of Generative AI?

- a) Transparency, accountability, privacy, and data protection
- b) Speed, efficiency, and accuracy

- c) Profitability, scalability, and automation
- d) Innovation, experimentation, and creativity

11. Which type of AI is capable of generating artwork, composing music, and designing logos?

- a) Natural Language Processing (NLP)
- b) Reinforcement Learning (RL)
- c) Generative AI (GenAI)
- d) Computer Vision (CV)

12. What distinguishes Generative AI from other forms of AI?

- a) Its focus on analyzing data patterns
- b) Its ability to generate human-like outputs in response to prompts
- c) Its emphasis on automating routine tasks
- d) Its specialization in speech recognition

13. What role do "Smart Helpers" play in everyday life?

- a) They assist in generating creative content
- b) They help organize schedules and tasks
- c) They analyze complex datasets
- d) They design logos and artwork

14. In what way can Generative AI contribute to the field of research?

- a) By generating captivating storylines
- b) By creating visually appealing artwork
- c) By assisting in data analysis and interpretation
- d) By composing music melodies

15. What is an essential consideration for the responsible use of Generative AI?

- a) Maximizing profitability
- b) Ensuring transparency and accountability
- c) Ignoring privacy concerns

d) Focusing solely on innovation

1. In Isaac Asimov's "Liar," what unique ability does the robot RB-34 possess?
 - a) Super strength
 - b) Telepathic capabilities
 - c) Invisibility
 - d) Time travel

2. How does the AI in the transcript(video lecture), similar to the robot in "Liar," impact humans?
 - a) By making them smarter
 - b) By providing false information
 - c) By enhancing their telepathic abilities
 - d) By improving their memory

3. What is an example of AI misidentification mentioned in the passage?
 - a) Mistaking a person for a celebrity
 - b) Recognizing faces on moving vehicles incorrectly
 - c) Identifying objects in a cluttered room
 - d) Matching fingerprints with incorrect records

4. what aspect of AI requires improvement to avoid biases and errors?
 - a) Facial recognition
 - b) Voice recognition
 - c) Emotional intelligence
 - d) Contextualization

5. What lesson can be learned from the story of the creation of Post-it notes?
 - a) AI can revolutionize office stationery
 - b) Weak adhesives can lead to innovative products
 - c) Super glue is essential for bookmark creation
 - d) 3M researchers are highly skilled in AI development

6. what is essential for creating value from AI?

- a) AI's ability to generate value for itself
- b) Timely and accurate data
- c) AI's intelligence level
- d) Effective communication skills

7. What is emphasized as the most crucial aspect of any product design in the passage?

- a) Engineering
- b) Data analytics
- c) Human-centered design
- d) Machine learning algorithms

8. What does "human-centered design" entail in the context of AI development?

- a) Designing AI systems with a focus on human needs and experiences
- b) Designing AI systems without considering human factors
- c) Designing AI systems to maximize profit
- d) Designing AI systems with limited human interaction

9. What role does strong engineering play in AI development, according to the passage?

- a) It ensures that AI systems are unreliable and inefficient.
- b) It makes AI systems vulnerable to cyberattacks.
- c) It helps in developing AI systems with accuracy, reliability, and efficiency.
- d) It hinders the scalability of AI systems.

10. What is the ultimate goal of ensuring responsible and ethical AI development?

- a) To benefit AI companies financially
- b) To enhance human well-being
- c) To dominate the AI market
- d) To keep AI technology a secret

11. What is the main consequence of the AI's misidentification of Dong Mingzhu ?
- a) It resulted in her arrest.
 - b) It led to her public shaming on billboards.
 - c) It caused her to lose her job.
 - d) It resulted in her becoming a celebrity.
12. How does characterize the relationship between AI and human-centered design?
- a) AI replaces the need for human-centered design.
 - b) Human-centered design ensures that AI systems are more accurate.
 - c) AI and human-centered design are unrelated concepts.
 - d) Human-centered design helps ensure that AI technology is developed with user needs in mind.
13. What is the significance of the story of the creation of Post-it notes ?
- a) It demonstrates the limitations of AI technology.
 - b) It illustrates the importance of accidental discoveries in innovation.
 - c) It highlights the dangers of relying too heavily on AI.
 - d) It showcases the potential for AI to revolutionize product design.
14. what is the role of engineering in AI development?
- a) Engineering ensures that AI systems are aesthetically pleasing.
 - b) Engineering helps make AI systems more accessible to a wider audience.
 - c) Engineering ensures that AI systems are developed with accuracy, reliability, and efficiency.
 - d) Engineering focuses solely on the technical aspects of AI development.
15. Why does the need for strong practices in AI development?
- a) To ensure that AI systems remain unpredictable.
 - b) To prevent AI systems from being integrated into daily life.
 - c) To ensure that AI systems are developed and deployed responsibly and ethically.
 - d) To encourage the rapid advancement of AI technology.
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1. What issue did research uncover regarding Amazon's face recognition software?

- a) It was too expensive for law enforcement agencies.
- b) It was not accurate enough in identifying individuals with darker skin tones.
- c) It had difficulty recognizing individuals with lighter skin tones.
- d) It was not compatible with existing law enforcement systems.

2. What is one consequence of biases in data models used for AI algorithms?

- a) Increased accuracy of AI predictions
- b) Potential human rights and privacy abuses
- c) Enhanced performance in diverse environments
- d) Decreased reliance on AI technology

3. How addressing biases in AI-driven applications?

- a) By ignoring biases and focusing solely on technical advancements
- b) By promoting biases to ensure fair representation in algorithms
- c) By incorporating human-centered design and strong engineering foundations
- d) By relying solely on government regulations to mitigate biases

4. What analogy does the passage use to illustrate the importance of diversity in AI development teams?

- a) A chess game with players from different countries
- b) A championship team like Real Madrid with players from around the world
- c) A scientific experiment conducted by researchers from diverse backgrounds
- d) A cooking competition with chefs from different culinary traditions

5. What role does governance play in ensuring the success of AI projects?

- a) Governance ensures that AI algorithms remain biased.
- b) Governance hinders the talent and culture of AI development teams.
- c) Governance provides a framework for managing talent and culture effectively.
- d) Governance limits the potential of talent and culture to thrive.

6. How does addressing potential inequalities in the workforce caused by AI?

- a) By promoting automation of all tasks to eliminate human workers
- b) By providing effective management and training for AI deployment
- c) By reducing the diversity of AI development teams
- d) By ignoring concerns about AI's impact on the workforce

7. what is the inevitability of AI's evolution likened to?

- a) A horse that can be ridden to travel faster
- b) A force that can be controlled by humans
- c) A storm that can be avoided with proper preparation
- d) A problem that can be solved with advanced technology

8. How does the relationship between organizational effectiveness and AI?

- a) Organizational effectiveness has no impact on AI implementation.
- b) Organizational effectiveness can facilitate proper data collection and decision making for AI.
- c) Organizational effectiveness hinders the development of AI.
- d) AI deployment is completely independent of organizational effectiveness.

9. What is necessary for successful AI implementation and deployment?

- a) Minimal organizational structure and process
- b) Lack of alignment with business goals
- c) Data silos and inefficient processes
- d) Effective organizational process and structures

10. What is the overarching message?

- a) AI development should focus solely on technical advancements.
- b) Organizational effectiveness is essential for successful AI implementation.
- c) Biases in AI algorithms cannot be mitigated.
- d) AI will eventually become obsolete.

Certainly! Here are a few more potential multiple-choice questions based on the provided passage:

11. What challenge regarding AI's impact on organizational effectiveness?

- a) Lack of funding for AI projects
- b) Inefficient decision-making processes
- c) Displacement of human workers by AI
- d) Potential biases in AI algorithms

12. what is one potential consequence of poor organizational effectiveness in AI development?

- a) Increased innovation in AI technology
- b) Difficulty in managing talent and culture
- c) Enhanced alignment with business goals
- d) Improved data collection and analysis

13. potential biases in AI algorithms?

- a) By ignoring biases to focus solely on technical advancements
- b) By incorporating diverse perspectives in AI development teams
- c) By promoting biases to ensure fair representation in algorithms
- d) By relying solely on government regulations to mitigate biases

14. What analogy does the the importance of governance in AI development?

- a) A ship navigating through rough waters
- b) A puzzle with missing pieces
- c) A conductor leading an orchestra
- d) A compass guiding travelers on a journey

15. How does the mitigating potential inequalities in the workforce caused by AI?

- a) By promoting automation of all tasks to eliminate human workers
- b) By providing effective management and training for AI deployment
- c) By reducing the diversity of AI development teams
- d) By ignoring concerns about AI's impact on the workforce

16. what is essential for ensuring the success of AI projects?

- a) Minimal organizational structure and process

- b) Lack of alignment with business goals
- c) Data silos and inefficient processes
- d) Effective organizational process and structures

17. What role does diversity play in AI development?

- a) It hinders the effectiveness of AI algorithms
- b) It promotes biases in AI algorithms
- c) It enhances the performance and effectiveness of AI systems
- d) It has no impact on AI development

18. How the relationship between AI and organizational effectiveness?

- a) AI development is independent of organizational effectiveness
 - b) Organizational effectiveness can facilitate proper data collection and decision making for AI
 - c) Organizational effectiveness hinders the development of AI
 - d) AI deployment has no impact on organizational effectiveness
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1. What is one of the main advantages of using AI-powered writing tools for content creation?

- a) They ensure the authenticity and credibility of the content.
- b) They add creativity and personality to the writing.
- c) They eliminate the need for human input in the writing process.
- d) They increase the speed and efficiency of content creation.

2. What caused Microsoft's chatbot Tay to become racist and sexist within 24 hours of its launch?

- a) It was programmed with biased algorithms.
- b) It learned language patterns from Twitter users.
- c) It lacked sufficient training data.
- d) It was intentionally designed to be offensive.

3. potential biases in AI-generated content?

- a) By increasing the use of human writers in the content creation process.
- b) By ensuring the training data used for AI is fair, appropriate, and impartial.

- c) By relying solely on AI-generated content to eliminate human biases.
- d) By limiting the use of AI in content creation.

4. What role does artificial intelligence play in preserving authenticity and credibility in content creation?

- a) It replaces the need for human editors.
- b) It ensures that content matches the intended message.
- c) It generates accurate and error-free information.
- d) It eliminates the need for diversity and inclusivity in data.

5. what is a potential drawback of relying solely on AI-generated content?

- a) It may lack diversity and inclusivity in its data.
- b) It may result in inaccurate and unreliable information.
- c) It may contain cultural tone deafness in translations.
- d) It may lead to overreliance on caffeine for writers.

6. limitations of AI-generated content?

- a) It may replace human intelligence and originality.
- b) It may outperform human writers in creative tasks.
- c) It may eliminate the need for human input entirely.
- d) It may not possess the wit and humor of human writers.

7. How does AI-generated content impact language barriers?

- a) It exacerbates language barriers by producing inaccurate translations.
- b) It eliminates language barriers by providing accurate translations.
- c) It may inadvertently perpetuate cultural stereotypes in translations.
- d) It relies solely on human translators to bridge language barriers.

8. What is emphasized as a critical factor in ensuring the success of AI-generated content?

- a) The need for increased reliance on AI over human input.
- b) The importance of preserving authenticity and credibility.

- c) The requirement for AI to possess creativity and personality.
- d) The elimination of human writers from the content creation process.

9. what analogy is used to describe AI-generated content?

- a) A personal writing assistant that never sleeps.
- b) A caffeine-fueled writer producing content faster.
- c) A visual effect crew bringing a movie to life.
- d) A multilingual genie opening doors to new markets.

11. the potential of AI-powered writing tools in content creation?

- a) They introduce errors and inconsistencies into the content.
- b) They enhance the creativity and originality of the writing.
- c) They increase the speed and efficiency of content creation.
- d) They require extensive human input to function effectively.

13. potential biases in AI-generated content?

- a) By reducing the diversity of data used to train AI models.
- b) By incorporating diverse perspectives and ensuring fair training data.
- c) By relying solely on human writers to create content.
- d) By ignoring biases and allowing AI to generate content autonomously.

14. what is a benefit of using AI for research and fact-checking?

- a) It increases the likelihood of errors in the content.
- b) It ensures that the content matches the intended message.
- c) It saves time and effort while ensuring accuracy and credibility.
- d) It relies solely on human editors to verify information.

16. the role of human input in AI-generated content?

- a) Human input is unnecessary as AI can generate content autonomously.

- b) Human input is essential to ensure the authenticity and credibility of the content.
- c) Human input may introduce biases and errors into the AI-generated content.
- d) Human input is limited to providing feedback on the final content.

17. what is a potential limitation of AI-generated content?

- a) It may lack the speed and efficiency of human-generated content.
- b) It may struggle to incorporate creativity and personality into the writing.
- c) It may rely too heavily on human writers for guidance and direction.
- d) It may not be able to effectively bridge language barriers in content creation.

18. What analogy describe the impact of AI-generated content?

- a) A virtual content tycoon without a workforce.
- b) A horse that can be ridden to travel faster.
- c) A multilingual genie opening doors to new markets.
- d) A personal writing assistant that never complains.

1. What does tthe impact of AI on content creation?

- a) AI simplifies content creation for individuals with design backgrounds.
- b) AI-generated content lacks creativity compared to human-generated content.
- c) AI revolutionizes content creation across various fields using text-to-media technology.
- d) AI-generated content is limited to textual formats and cannot produce images or videos.

2. What analogy describe the potential of text-to-media AI technology?

- a) A genie granting wishes from a bottle.
- b) A digital Picasso creating personalized content.
- c) A goldfish attempting to sing opera.
- d) A rocket scientist solving complex math equations.

3. what challenge does AI-generated content face?

- a) Lack of computational power to process text-to-media conversions.
- b) Difficulty in finding training data for AI algorithms.

- c) Potential biases stemming from biased training data.
- d) Inability to understand and interpret human language accurately.

4. how does overcoming the challenge of biased AI-generated content?

- a) By using algorithms less sophisticated than rocket scientists.
- b) By ensuring diverse and inclusive training data sets for AI models.
- c) By relying solely on human input to create content.
- d) By limiting the use of AI in content creation.

5. What example of AI-powered content creation tools?

- a) OpenAI's DALL-E for generating images from textual descriptions.
- b) Lumen5 for training AI algorithms on diverse data sets.
- c) Microsoft's chatbot Tay for interacting with users on social media.
- d) Rocket scientist-designed algorithms for creating engaging videos.

6. the potential of text-to-media AI technology?

- a) It simplifies content creation but lacks engagement with audiences.
- b) It is limited to specific industries and cannot be used across various fields.
- c) It has enormous potential for creating highly customized content and improving engagement with audiences.
- d) It requires extensive human intervention and cannot function autonomously.

7. What is the importance of diverse training data for AI models?

- a) It ensures that AI-generated content remains biased and outdated.
- b) It prevents AI algorithms from understanding human language accurately.
- c) It reduces the computational power required for text-to-media conversions.
- d) It helps mitigate biases in AI-generated content and improves its accuracy and inclusivity.

8. what is one potential advantage of AI-generated content over human-generated content?

- a) AI-generated content is less engaging and creative.
- b) AI-generated content can be produced faster and more affordably.

- c) AI-generated content relies solely on human creativity and originality.
- d) AI-generated content requires extensive manual editing and correction.

9. What comparison does the passage draw between AI-generated content and human creativity?

- a) AI-generated content is more creative and original than human-generated content.
- b) AI-generated content lacks the personality and quirks of human creativity.
- c) AI-generated content relies solely on human input for its creativity.
- d) AI-generated content enhances human creativity and makes it more efficient.

10. How does the passage describe the potential impact of text-to-media AI technology on businesses?

- a) It increases the cost of content creation by requiring expensive software.
- b) It revolutionizes content creation by enabling businesses to produce high-quality visuals affordably.
- c) It reduces the need for human creativity and input in content creation.
- d) It limits the types of content that businesses can create to textual formats only.

11. What role does AI play in transforming written text into various forms of media?

- a) AI serves as a digital assistant to help humans create content more efficiently.
- b) AI algorithms convert written text into images, videos, and audio using advanced technologies.
- c) AI relies solely on human creativity to produce engaging content.
- d) AI-generated content is limited to textual formats and cannot be transformed into other media.

12. What analogy does the transcript use to describe the challenges of AI-generated content?

- a) Teaching a parrot to say positive things about one's ex-partner.
- b) Training a goldfish to perform opera.
- c) Creating content that accurately represents input text.
- d) Achieving computational power equivalent to a small country's power grid.

13. How does the transcript characterize the relationship between AI and human input in content creation?

- a) AI can function autonomously without any human intervention.

- b) Human input is essential to ensure the accuracy and credibility of AI-generated content.
- c) AI replaces the need for human creativity and originality in content creation.
- d) Human input is limited to providing feedback on the final content produced by AI.

14. what potential benefit does AI-generated content offer in terms of engagement?

- a) It requires less effort to capture the attention of audiences compared to traditional methods.
- b) It relies solely on human writers to create engaging content.
- c) It struggles to compete with TikTok in capturing audience attention spans.
- d) It provides highly customized content tailored to specific audiences or purposes.

15. How does the transcript suggest overcoming the challenges of biased AI-generated content?

- a) By reducing reliance on AI and increasing human input in content creation.
 - b) By ensuring diverse and inclusive training data sets for AI algorithms.
 - c) By limiting the use of AI-generated content to textual formats only.
 - d) By relying solely on human creativity to produce unbiased content.
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1. What is GPT?

- a) A language model specialized in image generation.
- b) A neural architecture designed for self-supervised learning.
- c) A powerful language model known as Generative Pretrained Transformer.
- d) An algorithm for fine-tuning F1 cars for specific races.

2. How is GPT's learning process during pretraining likened to in the passage?

- a) Assembling an F1 car with advanced technology.
- b) Going through simulated tests and wind tunnel experiments.
- c) A detective putting together clues to solve a complex case.
- d) Rehearsing meticulously to perfect a musical performance.

3. What analogy is used to describe GPT's fine-tuning stage?

- a) Tailoring an F1 car for a particular track.
- b) Rehearsing an orchestra to perfect their performance.

- c) Racing an F1 car at the Monza track.
- d) Tuning an orchestra for a specific genre of music.

4. what is the purpose of GPT's fine-tuning process?

- a) To align its language generation capabilities with a specific domain or purpose.
- b) To optimize the car's performance for a particular race like Monza.
- c) To train GPT on news articles and books for customer support conversations.
- d) To adjust the instruments, timing, and dynamics of an orchestra performance.

5. What role does human intervention play in GPT's language generation process?

- a) Critically evaluating GPT's output to ensure flawless performance.
- b) Blindly accepting everything GPT generates without evaluation.
- c) Tuning GPT's underlying model and embeddings to align with a chosen domain.
- d) Guiding musicians to ensure harmony in an orchestra performance.

6. How is the transformer architecture described in relation to GPT's success?

- a) It acts as a skilled musician, interpreting word relationships in different contexts.
- b) It captures the quirks and complexities of language like a linguistic superhero.
- c) It helps GPT understand and connect words in text like an orchestra conductor.
- d) It lays the linguistic groundwork and polishes GPT's language skills.

7. What cautionary note is mentioned about GPT's text generation capabilities?

- a) It generates text based on patterns and knowledge from its training data.
- b) It can produce humanlike responses without any errors.
- c) It relies solely on human intervention for accurate output.
- d) It may sometimes generate nonsensical information due to its self-supervised learning.

8. How is GPT's learning process during pretraining different from its fine-tuning stage?

- a) Pretraining involves predicting missing words in sentences, while fine-tuning focuses on specific data sets.
- b) Pretraining is self-supervised, while fine-tuning relies on human intervention.

c) Pretraining aims to optimize GPT's performance for a particular race, while fine-tuning tailors its language generation capabilities.

d) Pretraining occurs in simulated tests and wind tunnel experiments, while fine-tuning occurs during specific tracks like Monza.

9. What analogy does the transcript use to describe the role of GPT's underlying model and embeddings during fine-tuning?

a) Adjusting instruments, timing, and dynamics in an orchestra performance.

b) Racing an F1 car at a particular track.

c) Polishing language skills like a maestro tuning an orchestra.

d) Capturing the quirks and complexities of language like a linguistic superhero.

10. What is the significance of GPT's transformer architecture?

a) It helps GPT understand and connect words in text like an orchestra conductor.

b) It lays the linguistic groundwork and polishes GPT's language skills.

c) It acts as a skilled musician, interpreting word relationships in different contexts.

d) It captures the quirks and complexities of language like a linguistic superhero.

11. How does the transcript characterize the comparison between GPT's output and human intervention?

a) Human intervention is critical to ensure flawless performance, while GPT's output may contain errors.

b) GPT's output is always accurate without any need for human evaluation.

c) Human intervention guides musicians to ensure harmony, while GPT's output is error-free.

d) GPT's output captures the quirks and complexities of language, while human intervention adjusts instruments and dynamics.

12. What are the limitations of GPT's language generation capabilities?

a) GPT's language generation is flawless and does not require human intervention.

b) GPT's language generation may sometimes produce nonsensical information.

c) GPT's language generation relies solely on specific data sets for optimization.

d) GPT's language generation is independent of its underlying model and embeddings.

13. How is GPT's journey compared to constructing an F1 car or fine-tuning an orchestra?

a) GPT's journey involves self-supervised learning, similar to assembling an F1 car with advanced technology.

b) GPT's journey begins with pretraining, akin to constructing an F1 car's foundation.

c) GPT's journey includes fine-tuning its language generation capabilities, like tailoring an F1 car for a particular track.

d) GPT's journey relies on human intervention, resembling tuning an orchestra for a specific genre of music.