← **Generative AI: Trends, Ethics and Societal Impact**

1 Which of the below model life cycle of Generative AI is correct. ✓

- ○ A. DataCollection -> Model Building -> Preprocessing -> Tuning Model Parameters -> Prediction & Interpretation
- ⊙ B. DataCollection -> Preprocessing -> Model Building -> Tuning Model Parameters -> Prediction & Interpretation
- ○ C. DataCollection -> Preprocessing -> Tuning Model Parameters -> Model Building -> Prediction & Interpretation
- ○ D. Preprocessing -> DataCollection -> Model Building -> Tuning Model Parameters -> Prediction & Interpretation

2 What are some potential challenges of using Generative AI in Education? ✓

- ○ A. Students may become too reliant on AI and lose their critical thinking skills
- ○ B. The Technology may not be accessible to all students, particularly those in low-income or rural areas in current days(2023)
- ○ C. It may be difficult o train teachers and instructors on how to effectively use generative AI tools
- ⊙ D. All of the Above

3 For whom the Generative AI wont Suits the best. ✗

- ○ A. Startup Comapanies who have very limited Resource
- ⊙ B. The one who has less creative
- ○ C. Who expect 100% Accuracy 🟡
- ○ D. None of the Above/All of the Above/All

4 Which of the following is a potential limitation of government regulations related to generative AI? ✓

- ○ A. It may stifle innovations and slow down the development of new generative AI technologies
- ○ B. It may create a lack of consistency and standardization across different countries and regions
- ⊙ C. It may be difficult to enfore regulations on generative AI technologies that are developed and used globally
- ○ D. All of the above

5 Which of the following is a potential benefits of government regulations related to generative AI? ✓

- ○ A. It can lead to the development of more innovative and advanced generative AI Technology
- ○ B. It can ensure that all generative AI systems operate in a completely transparent and predictable manner
- ⊙ C. It can provide assurance to consumers that generative AI Tech are safe and reliable.
- ○ D. It can eliminate the need for businesses to invest in developing their own internal regulations for generative AI

6 Where do we use the Generative AI Model heavily in Current Days? ✓

- ○ A. Implementation Analysis
- ○ B. Project Deployment
- ○ C. Resource Analysis
- ⊙ D. Data Science and Machine Learning

7 Generative AI is a Subset of _____? ✓

- ⊙ A. Deep learning

B. Machine learning

C. Artificial Intelligence

D. Natural Language Processing

8 What are the Limitations to consider when implementing or using Generative AI

✓

A. Difficult to use in 3D Shape Generation

B. Poor in writing code and Debuging the code

◉ C. It can be challenging to assess the bias of original sources

D. They are not Creative as humans like building stories, etc.,

9 Which use case can be considered for Generative AI Model

✓

◉ A. Translating Code from one programing Language to other Language

B. Image Segmentation

C. Object Detection

D. None of the above

10 What of the following Usecase is not an example for Generative AI in Healthcare?

✓

A. Personalized Treatment plans based on Patient's Medical History

◉ B. 1st Preference to analysis the symptoms to identify the Disease than doctors recomendation

C. To create High Resoultion medical images from low resolution scans

D. Used to discover new drugs or optimize existing ones

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