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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Artificial Intelligence (AI) for Management (course)



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Course outline

- About NPTEL ()
- How does an NPTEL online course work? ()
- Week 1 ()
 - AI in Business: Milestones, Applications, and Organizational Challenges - 1 (unit?)

Week 1 : Assignment 1

Your last recorded submission was on 2026-02-04, 23:02 Due date: 2026-02-04, 23:59 IST. IST

- 1) The type of AI that all current, real-world systems (like Siri, Netflix recommendations, or a fraud detection model) belong to is known as _____, because it is designed and optimized for one specific task. **1 point**
 - Artificial General Intelligence (AGI)
 - Artificial Super Intelligence (ASI)
 - Artificial Narrow Intelligence (ANI)
 - Sentient AI
- 2) The period in the 'Evolution of AI' characterized by reduced funding and waning interest due to over-promising and under-delivering is known as the _____. **1 point**
 - AI Spring
 - The Connectionist Boom
 - AI Winter
 - The Singularity
- 3) How does AI for Management create new opportunities for competitive strategy? **1 point**
(Multiple correct options are possible, Select all that apply)
 - By enabling hyper-personalization of products and services at a massive scale.
 - By creating data-driven feedback loops where the product gets smarter with each new user, building a strong competitive moat.
 - By allowing a company to abandon its existing information systems and replace it with AI.
 - By automating complex, non-routine tasks that previously required human judgment.

unit=20&lesson=21)

● AI in Business: Milestones, Applications, and Organizational Challenges - 2 (unit? unit=20&lesson=22)

○ AI in Business: Milestones, Applications, and Organizational Challenges - 3 (unit? unit=20&lesson=23)

○ Case of AI Development: OpenAI and Industry Adoption (unit? unit=20&lesson=24)

○ Case of AI for Social Impact : e-Paarvai in Healthcare (unit? unit=20&lesson=25)

● **Quiz: Week 1 : Assignment 1 (assessment? name=19)**

● Week 1 Feedback Form: Artificial Intelligence (AI) for Management!! (unit? unit=20&lesson=26)

Week 2 ()

- 4) The primary goal of an unsupervised learning algorithm is to **1 point**
- Predict a specific target value based on labeled input features.
 - Discover inherent structures and patterns in unlabeled data.
 - Classify new data into a set of predefined, known categories.
 - Learn a policy by interacting with an environment to maximize a reward.
- 5) In the context of AI, 'hallucination' is a key organizational risk. This specifically refers to: **1 point**
- AI's inability to be understood by users
 - AI's tendency to amplify existing human biases from its training data.
 - AI's potential to be easily tricked by slightly modified input data.
 - AI's tendency to generate fluent, confident-sounding, but factually incorrect information.
- 6) Which form of reasoning starts with a general premise and moves to a specific, logically certain conclusion, provided the premise is true? **1 point**
- Inductive Reasoning
 - Abductive Reasoning
 - Deductive Reasoning
 - None of the above
- 7) The hybrid AI approach that combines Connectionist and Symbolists school of thought is known as _____ approach. **1 point**
- Evolutionary
 - Probabilistic
 - Symbolist-Gen AI
 - Neuro-symbolic
- 8) Which of the following best describes the leadership volatility observed at OpenAI in late 2023? **1 point**
- A dispute over international tax regulations.
 - A conflict regarding the choice of cloud service providers.
 - Internal disagreements driven by concerns over AI safety and the pace of development.
 - A disagreement over the visual design of the company logo
- 9) True or False: A key characteristic of AI is its complete inability to be biased as it is based on math and data. **1 point**
- True
 - False
- 10) The e-paarvai case study emphasized that AI Deployment was only successful after complementary investments were made. This concept refers to: **1 point**
- Buying more powerful servers and faster mobile devices for the AI model.

Week 3 ()**Download
Videos ()**

- Investing in training healthcare workers/volunteers on how to use the app and optimizing the end-to-end patient referral process.
- Paying for advertising and marketing to promote the AI app to the general public.
- Funding the initial R&D to build the AI model itself.

You may submit any number of times before the due date. The final submission will be considered for grading.

Submit Answers