



Sistema Acadêmico




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
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
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/ Avaliação Tendências em Inteligência Artificial e Big Data (20/06/2024)




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
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Avaliação Tendências em Inteligência Artificial e Big Data (20/06/2024)




Tendências em Inteligência Artificial e Big Data




Professor: Fabiano Castello de Campos Pereira




Avaliação realizada por:




Avaliação realizada em: 12/07/2024




(<https://ajuda.mbauspesalq.com/>)




Tentativa




1 de 3




Nota




9,0




Questões Respondidas




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
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
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
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Questão #1



Sobre o uso de inteligência artificial em negócios, julgue as afirmações:

I- IA é sempre o núcleo dos negócios em empresas que criam tecnologia.

II- A inteligência artificial pode ser vista como uma ferramenta nos mais variados setores.


III- Todas as empresas precisam ter competências de IA ao mesmo nível que Google ou OpenAI.

☐ Apenas as sentenças I e II são verdadeiras.


☐ Apenas as sentenças I e III são verdadeiras.

☐ Todas as sentenças são verdadeiras.


☒ Apenas a sentença II é verdadeira.




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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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
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
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
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


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- ☐ V, F, F.
- ☐ V, V, V.
- ☐ F, F, V.

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### ? Questão #3

Quais são as principais preocupações éticas relacionadas ao uso de modelos generativos de IA como o Chat GPT e como devem ser abordadas na prática?

- ☐ Estes modelos possuem uma alta taxa de erro intencional, que deve ser supervisionada através de regulamentação externa.
- ☐ A necessidade de consentimento explícito de todos os indivíduos representados nos dados do modelo, que é impraticável.
- ☐ A possibilidade de dessensibilização humana frente à tecnologia, o que deve ser gerenciado com políticas de uso responsável.
- ☒ Tendência dos modelos a "alucinar", criando respostas baseadas em dados não verificados, necessitando de avaliação humana crítica.

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### ? Questão #4

Sobre o papel da tecnologia nos negócios, avalie as afirmações abaixo:

- ( ) Tecnologias como Big Data e AI podem reduzir custos operacionais e impulsionar receitas.
- ( ) A inovação tecnológica deve ser vista como passageira e não leva a benefícios profundos.
- ( ) Investir em tecnologia é essencial apenas para startups e não para empresas estabelecidas.

- ☐ V, V, F.
- ☐ F, F, V.
- ☐ F, V, V.
- ☒ V, F, F.

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### ? Questão #5

O primeiro passo para um projeto de inteligência artificial de sucesso é:

- ☐ Aprender a programar em Python.
- ☒ Identificar os dados.
- ☐ Saber identificar corretamente o problema que se está querendo resolver.
- ☐ Identificar qual algoritmo será utilizado.

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### ? Questão #6

Na aula, foi discutida a importância da veracidade dos dados em Big Data. Como a falta de dados íntegros e confiáveis pode afetar um modelo de inteligência artificial?

- ☒ Pode causar erros e previsões imprecisas, prejudicando a tomada de decisão.
- ☐ Aumenta a criatividade do modelo ao lidar com dados imprecisos.
- ☐ Pode melhorar a velocidade de processamento do modelo, sendo benéfico.
- ☐ Não afeta o modelo, pois a inteligência artificial pode corrigir esses dados.

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### ? Questão #7

Considerando a ética em relação ao uso de inteligência artificial, avalie as sugestões abaixo:

I- A IA é naturalmente imparcial e justa em suas conclusões e previsões.

II- A seleção e tratamento de dados pode criar viés nos resultados gerados por modelos de IA.

III- O responsável pela criação do modelo de IA é também responsável por sua justiça e imparcialidade.

- ☐ Todas as sentenças são verdadeiras.
- ☒ Apenas as sentenças II e III são verdadeiras.
- ☐ Apenas as sentenças I e II são verdadeiras.
- ☐ Todas as sentenças são falsas.

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### ? Questão #8

Considerando o desenvolvimento de aplicações com inteligência artificial, avalie as proposições a seguir:

I- Big Data e IA são conceitos idênticos e intercambiáveis.

II- A criação de modelos preditivos é uma aplicação prática da IA.

III- APIs podem ser utilizadas para consumo de serviços de IA em nuvem.

- ☐ Todas as sentenças são verdadeiras.
- ☒ Apenas as sentenças II e III são verdadeiras.
- ☐ Apenas as sentenças I e III são verdadeiras.
- ☐ Apenas as sentenças I e II são verdadeiras.

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### ? Questão #9

Em relação ao Big Data, qual V descreve a confiança na precisão dos dados?

- ☐ Velocidade
- ☒ Veracidade
- ☐ Valor
- ☐ Variedade

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### ? Questão #10

Qual é a principal diferença entre dados estruturados e dados não estruturados?

- ☐ Dados não estruturados são gerados exclusivamente por máquinas.
- ☐ Dados estruturados são mais rápidos de processar que os não estruturados.
- ☐ Dados não estruturados são sempre textuais, enquanto os estruturados são numéricos.
- ☒ Dados estruturados referem-se àqueles organizados em formato tabular.

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