_	(0.4 points
	ch AWS generative AI offering focuses on providing multiple foundation models (e.g., from Anthropic, AI21) in a single managed service without requiring use
	age their own model infrastructure?
	: Check the newly introduced AWS service that hosts partner foundation models behind a unified API. Amazon S3 Glacier.
	Amazon Bedrock.
	AWS CloudFormation Pipeline for AI.
<u> </u>	Amazon Redshift ML.
0.4	70.4 points
In A	zure's generative AI ecosystem, which statement is most accurate regarding the Azure OpenAI Service?
	It only supports open-source language models from Hugging Face repositories.
\bigcirc	It can be deployed on-premises with no connection to Azure's cloud.
~	It provides fully managed access to GPT-4, ChatGPT, and DALL-E via enterprise security features.
	It automatically fine-tunes models without user-provided data or prompts.
0.4	70.4 points
Whe	$en applying SHAP (SHapley Additive \ ex Planations) to a random forest, what best describes how feature attributions are computed?$
Hint	: SHAP draws on game theory's concept of fairly distributing contribution across all feature subsets.
	By applying anchor conditions that guarantee identical model decisions.
	By counting the number of leaf nodes each feature appears in.
\bigcirc	By assigning each feature a weight from a single global linear regression.
	By averaging local permutations that show how each feature changes the prediction across all possible subsets.
0.4.	/0.4 points
A R	
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0.4 / 0.4 pc	ints
Why migh	nt a few-shot approach outperform a zero-shot approach when requesting a specialized data classification from a large language model?
Hint: Sho	rt, well-crafted examples can guide domain or format-specific tasks effectively.
Few-	shot triggers catastrophic forgetting in the LLM, making it more creative.
_ Zero-	shot forces the LLM to rely only on knowledge from its system prompt.
~ o	Few-shot examples prime the LLM with format and context, reducing confusion in the specific domain.
_ Zero-	shot typically allocates a higher token context window, thus overshadowing the final output.
1/1point	
	orise wants a domain-specific LLM for specialized biotech patents. Which rationale best supports a parameter-efficient finetuning approach (e.g., LoRA) over foundation LLM from scratch?
Hint: Larg	ge pre-trained models can be adapted with minimal overhead using advanced fine-tuning strategies.
Foun	dation models rarely contain any knowledge about biotech topics.
~ O	Parameter-efficient fine-tuning maintains large-scale knowledge while cheaply specializing on new domain data.
Fine-	tuning discards the model's original general knowledge in favor of new tasks.
_ Train	ing from scratch is typically faster if you have large GPU clusters.
0.4/0.4 po	ints
	of-thought prompting, an LLM is guided to reveal intermediate reasoning steps. Which result is most commonly observed if the chain-of-thought is systematically .exposed?
Hint: Lon	g-form reasoning can be boosted when the model "shows its work."
_ Expo	sing chain-of-thought ensures fewer computations are performed by the model.
Hidin	g the chain-of-thought always reduces token usage costs.
Hidin	g the chain-of-thought typically increases transparency.
< ○	Exposing chain-of-thought can improve the model's final accuracy on multi step tasks.
0.4/0.4po	ints
	Iding a generative chatbot on Google Cloud, which approach is typically recommended for production usage in Vertex AI?
	gle emphasizes a pipeline that fetches relevant data, checks for safe outputs, then finalizes generation.
	bying BigQuery ML for storing embedding vectors and ignoring the pre-trained LLMs.
	coding all possible user queries as if-else statements in a Cloud Function.
	Evertex Al Model Garden with a Llama 2 foundation model fully memorizing all user data.
Osilig	yet tee a remove earden with a plante 2 foundation model runy memorizing an user data.
_	Using a retrieval-augmented pipeline and a Vertex Al-hosted foundation model, with content filtering.