

## Quiz [watsonx Level 1]

You must receive a score of 75% or higher on the quiz to complete the course. [Back](#)

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<b>Started on</b>	Friday, October 11, 2024, 8:53 PM
<b>State</b>	Finished
<b>Completed on</b>	Friday, October 11, 2024, 9:32 PM
<b>Time taken</b>	38 mins 51 secs
<b>Feedback</b>	<b>Congratulations, you passed the quiz!</b>

### Question **1**

Correct

Points out of 1.00

You are working with a client that is interested in quickly driving real business results and outcomes with AI. What AI use cases can serve as ideal starting points for many companies?

- ☐ Strategic planning, product development, and quality assurance
- ☒ Human Resources, customer service, and application modernization ✓
- ☐ Business process optimization, financial modeling, and financial operations
- ☐ Internet of Things (IoT), smart contracts, and customer lifetime value prediction

Question **2**

Correct

Points out of 1.00

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Clients have concerns about how data is being curated for foundation models. What information can you share with your client about how IBM curates data for developing its foundation models like Granite and Sandstone?

- ☒ The curated data is cleansed to remove duplicates, and filter out bias, hate, copyrighted content, and more. ✓
- ☐ The curated data has met all regulatory compliance requirements and standards without any fine-tuning required.
- ☐ IBM, or any other vendor for that matter, has not established a standard process for training foundation models because it is not yet required by law.
- ☐ IBM only uses well-known models such as Codex, Generative Pre-trained transformer (GPT), and Fine-tuned Language Net (FLAN).

Question **3**

Correct

Points out of 1.00

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Clients are concerned that generative AI models will propagate established biases and hate, or unethical behavior, which could be very damaging to their company, not to mention have legal ramifications. IBM knows that AI models must be architected with governance in mind from the start, not as an afterthought. For responsible AI, the objective is to provide transparency and explainability for models and to support increasing regulatory compliance demands. What is the IBM core principle that underpins this?

- ☒ Trusted ✓
- ☐ Empowering
- ☐ Open
- ☐ Targeted

Question **4**

Correct

Points out of 1.00

Many clients do not have a data scientist on staff. Which IBM AI offering allows organizations to design, deploy, and manage AI-powered virtual assistants without needing data science or development technical skills?

- ☐ watsonx Code Assistant
- ☒ watsonx Assistant ✓
- ☐ watsonx Orchestrate
- ☐ watson Discovery

Question **5**

Correct

Points out of 1.00

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You are meeting with the Human Resources manager to discuss how AI can enable their employees to quickly offload time-consuming work such as creating a job description, pulling a report, sourcing candidates, and more. What IBM AI offering would you recommend to this client?

- ☐ watson Discovery
- ☐ watsonx Code Assistant
- ☐ watsonx Assistant
- ☒ watsonx Orchestrate ✓

Question **6**

Correct

Points out of 1.00

A client is struggling with delivering consistent customer care across all channels and touchpoints with their customers. What IBM offering do you recommend that can help the client provide an accurate and consistent customer experiences out of the box with no-code conversational AI features and large language model (LLM)-powered algorithms that achieve higher accuracy with less training.

- ☐ watsonx Orchestrate
- ☐ AI Assistant
- ☐ AskIBM
- ☒ watsonx Assistant ✓

Question **7**

Correct

Points out of 1.00

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The watsonx platform has an enterprise-ready AI toolset to train, validate, tune, and deploy both machine learning AI models as well as foundation models for generative AI. These models combine best-of-breed architectures with a rigorous focus on data acquisition, provenance, and quality, to serve enterprise needs. What is the name of this component of the watsonx AI and data platform?

- ☐ watsonx.governance
- ☐ watsonx.platform
- ☒ watsonx.ai ✓
- ☐ watsonx.genai

Question **8**

Correct

Points out of 1.00

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A client wants to know how foundation models are different from the traditional AI models they have already implemented in their business workflows. What is a key difference that you should share with this client?

- ☐ Traditional AI models require little labeling, and are quick, automated, and efficient, while foundation models are far more explainable than traditional AI models.
- ☒ Foundation models use self-supervised learning on a large pool of unlabeled data and do not require labeled data. ✓
- ☐ Traditional AI models are a much less expensive to train than tuning foundation models. Also, traditional AI models should be used in business workflows, as opposed to foundation models, if the industry is not heavily regulated for AI.
- ☐ Clients will only need one foundation model for multiple different tasks, which is why IBM is building a single foundation model that can cover all of a client's use cases.

## Question 9

Correct

Points out of 1.00

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You have a client that is looking to modernize parts of their mainframe application stack, in particular some key COBOL business services. These services need regular updating, which is challenging given the declining number of software engineers with COBOL skills. What generative AI solution should you propose to your client to automate this modernization effort?

- ☐ IBM watsonx.ai (which includes the starcoder model)
- ☐ IBM watsonx Code Assistant for COBOL
- ☒ IBM watsonx Code Assistant for Z ✓
- ☐ IBM VisualAge for GenAI

## Question 10

Incorrect

Points out of 1.00

The watsonx platform enables responsible, transparent, and explainable data and AI workflows by providing an end-to-end solution that encompasses both data and AI governance to enable responsible, transparent, and explainable AI workflows. What is the name of this component of the watsonx AI and data platform?

- ☒ watsonx.data ✗
- ☐ watsonx.governance
- ☐ watsonx.ai
- ☐ watsonx.trust

Question **11**

Correct

Points out of 1.00

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IBM's AI principles for trust and transparency are at work throughout its entire business. In fact, IBM is at the forefront of global efforts to hold AI to high ethical standards. How does IBM put these AI principles and pillars into practice?

- ☐ By following the practices used by most software companies who build foundation models. There is generally good transparency and trustworthiness in many of today's foundation models.
- ☒ By driving organizational governance, ethics by design, taking a proactive approach to regulatory compliance, and establishing an integrated governance program. ✓
- ☐ By following government regulations on AI.
- ☐ By releasing IBM's own models (like Granite) to market only once they have passed the Hugging Face "AI Trust" test bed and received a Hugging Face Transparency Rating.



Question **12**

Correct

Points out of 1.00

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If a business needs to deliver accurate information, insights, or recommendations at scale, their systems cannot afford to contain errors, bias, misleading answers, or inaccurate results. Which one of the following answers represents IBM's "pillars of trust" for AI that can help businesses trust the AI-driven information, insights, or recommendations being given to them?

- ☐ To provide consumer confidence, businesses must share how they are using and building their AI systems in an open-source environment.
- ☐ Consumers must understand how the AI systems of the company they choose to do business with are using and building their AI systems.
- ☐ It's not possible for consumers to trust in AI unless all bias is removed from the AI systems of the company they choose to do business with.
- ☒ AI must be explainable, fair, robust, transparent, and prioritize and safeguard consumers' privacy and data rights. ✓

Question **13**

Correct

Points out of 1.00

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Your client wants to know how IBM's foundation models (like Granite) are different from platforms like ChatGPT, which have been built for general consumption and trained on huge amounts of Internet-supplied data. How do you answer?

- ☒ IBM foundation models are targeted for business use cases that can be quickly, effectively, and economically tuned with small sets of business-specific proprietary data. ✓
- ☐ While IBM has made available third-party and open source models, like Codex, Generative Pre-trained transformer (GPT), and Fine-tuned Language Net (FLAN), it has not built its own foundation models.
- ☐ IBM ensures responsible deployment of its own foundation models to ensure full compliance with the North American and European joint AI Responsibility Act.
- ☐ IBM has established a training process for their foundation models that ensures they do not hallucinate.

Question **14**

Correct

Points out of 1.00

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The IBM AI Ethics Board is at the heart of the ethical decision-making that IBM applies to AI. What is the mission of the IBM AI Ethics Board?

- ☐ This board's mission is to create and revise IBM's AI ethics guidelines for the IBM Corporation.
- ☐ This board's mission is to provide governance and regulation standards for AI systems worldwide.
- ☒ This board's mission is to support a centralized governance, review, and decision-making process. ✓
- ☐ This board's mission is to create ethical AI foundation models and applications that IBM can monetize.

Question **15**

Correct

Points out of 1.00

The watsonx platform makes it possible for enterprises to scale AI workloads using all their data with a fit-for-purpose data lakehouse service optimized for governed data and AI workloads, supported by querying, governance, and open data formats to access and share data. What is the name of this component of the watsonx AI and data platform?

- ☐ watsonx.lakehouse
- ☐ watsonx Assistant
- ☒ watsonx.data ✓
- ☐ watsonx.governance