

Data and AI Fundamentals Level 1 Quiz

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You must receive a score of 75% or higher on the quiz to complete the course.

Started on	Thursday, May 9, 2024, 6:43 PM
State	Finished
Completed on	Thursday, May 9, 2024, 8:28 PM
Time taken	1 hour 44 mins
Feedback	Congratulations, you passed the quiz!

Question 1

Correct

Points out of 1.00

Which section of IBM's generative AI technology stack is a platform designed to scale and accelerate the impact of AI by infusing intelligence into business operations?

- ☐ AI Assistants
- ☐ Hybrid cloud AI tools
- ☐ Data services
- ☒ AI and data platform ✓

Question **2**

Correct

Points out of 1.00

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The CIO of a banking client is hesitant to invest in analytics because of the experiences with a big data project that didn't deliver enough value at the last bank they worked at. You share the IBM Institute for Business Value (IBV) study. According to this study, what are companies that are “data driven” 178% more likely to do?

- ☐ Have data freely shared across silos and functional areas
- ☐ Make large, strategic investments in AI
- ☐ Make strategic decisions that are analytically supported
- ☒ Outperform in revenue and profitability ✓

Question **3**

Correct

Points out of 1.00

Cloud Pak for Data is IBM's flagship offering for the data and AI-related market. Which one of the following descriptions of Cloud Pak for Data is most complete and correct?

- ☐ Scalable data lake solution, able to store and process structured and unstructured data
- ☐ Hyperconverged system combining optimized hardware for data processing with self-service analytics software
- ☐ Hybrid data warehouse, with separate compute and storage, which can independently scale on public or private clouds
- ☒ Flexible platform for data analytics and AI development, which can run on-premises, on private clouds, or as a managed service ✓

Question **4**

Correct

Points out of 1.00

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Your client has adopted AWS (Amazon Web Services) as their strategic cloud platform. However, they have a longstanding investment in IBM data management software, like Db2 and DataStage, and want to minimize disruption for the business reporting applications that depend on this data stack. The client decides to deploy Cloud Pak for Data on Red Hat OpenShift Service on AWS (ROSA); ROSA is a fully managed OpenShift solution. Which of the following deployment patterns is your client using for CP4D?

- ☐ Infrastructure as a Service (IaaS)
- ☒ Platform as a Service (PaaS) ✓
- ☐ Software as a Service (SaaS)
- ☐ Analytics as a Service (AaaS)

Question **5**

Incorrect

Points out of 1.00

When meeting with a prospect, how would you best describe Data as a Product?

- ☐ Delivering data products to consumers and users
- ☐ Gaining deeper visibility into data from source to end-use
- ☐ Metadata curation and governance
- ☒ Enabling data teams to be more productive with insights ✗

Question **6**

Incorrect

Points out of 1.00

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Enterprises are consuming foundation models and generative AI through three models. Which model offers the simplest integration, but the comes with the cost of having the least control over the data and models?

- ☐ Consumption through APIs
- ☐ Consumption through regulatory compliance
- ☐ Consumption through embedded products
- ☒ Consumption through an AI and data platform ✖

Question **7**

Correct

Points out of 1.00

A client wants to purchase Cloud Pak for Data but does NOT want to manage the underlying microservices and infrastructure. They just want to focus on getting value out of their data. What offering should you recommend to them?

- ☐ Red Hat OpenShift
- ☒ Cloud Pak for Data as a Service ✔
- ☐ Cloud Pak for Data - software offering running on a hardware appliance
- ☐ Cloud Pak for Data - software offering

Question 8

Correct

Points out of 1.00

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You are talking to a client who wants to run a data platform on a public cloud that is fully managed and pay for only what they use. Which deployment method of Cloud Pak for Data should you propose?

- ☐ Cloud Pak for Data - software offering
- ☐ IBM Cloud Satellite
- ☐ Cloud Pak for Data - software offering running on Red Hat OpenShift Service on AWS
- ☒ Cloud Pak for Data as a Service ✓

Question 9

Correct

Points out of 1.00

As you're whiteboarding a generative AI strategy session with an enterprise client's IT operations team, which use case might you point them to if they're looking to assure continuous, cost-effective performance and connectivity across applications?

- ☐ IT automation
- ☒ AIOps ✓
- ☐ App modernization
- ☐ Data platform engineering

Question **10**

Correct

Points out of 1.00

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Which one of the following is NOT a base service in Cloud Pak for Data?

- ☒ DataStage ✓
- ☐ Db2 Warehouse
- ☐ Data Virtualization
- ☐ Watson Studio

Question **11**

Correct

Points out of 1.00

What technology enables Cloud Pak for Data's hybrid cloud strategy, providing deployment flexibility to run anywhere?

- ☐ Data virtualization
- ☐ Cloud Foundry
- ☐ AutoAI
- ☒ Red Hat OpenShift ✓

Question **12**

Correct

Points out of 1.00

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An existing IBM client with analytics software is listening to you talk about Cloud Pak for Data, and asks for a quick summary of its benefits from a packaging and licensing perspective. How do you respond?

- ☐ Run on any cloud
- ☒ Consolidate software, reduce tool spend, and unlock new value from infrastructure ✓
- ☐ Distribute software and increase vendor "lock-in"
- ☐ Provide a single packaging solution that fits most clients' needs

Question **13**

Correct

Points out of 1.00

IBM has four core principles to tailor generative AI for the enterprise. Which principle focuses on providing a platform for enterprises to bring their own data to tune, train, and deploy generative AI models?

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

Question **14**

Correct

Points out of 1.00

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A client is describing the challenges their IT department has in architecting data analytics solutions for their data science team. They are under strict regulatory control to keep ALL their data within their country, but they also need to support a data-driven customer experience through mobile apps. Your client is not in a country with a public cloud provider's data center. Which one of the following offerings for self-service data analytics and data science do you propose to your client?

- ☐ Watson Studio Local
- ☐ Cloud Pak for Data as a Service
- ☐ Cloud Pak for Data - software offering running on Red Hat OpenShift Service on AWS
- ☒ Cloud Pak for Data - software offering running on a local private cloud provider ✓

Question **15**

Correct

Points out of 1.00

You're talking to an existing client and notice that they have an upcoming Support and Subscription (S&S) renewal of a legacy product that is now a part of Cloud Pak for Data. What should you propose?

- ☒ Modernization Upgrade (Cartridge + Cloud Pak for Data) ✓
- ☐ Cloud Pak for Data as a Service
- ☐ Traditional, non-containerized product
- ☐ Cloud Pak for Data Cartridge

Question **16**

Correct

Points out of 1.00

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Which one of the following offerings is available as a Cloud Pak for Data Cartridge?

- ☐ Watson OpenScale
- ☐ Watson Pipelines
- ☒ OpenPages ✓
- ☐ Data Governance Express

Question **17**

Correct

Points out of 1.00

Which one of the following is NOT an IBM Data Integration service within the data fabric strategy?

- ☐ IBM Datastage
- ☒ IBM Databand ✓
- ☐ IBM Data Replication
- ☐ IBM Data Virtualization

Question **18**

Incorrect

Points out of 1.00

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Building and deploying a sustainable data fabric architecture has a set of challenges for the people, processes and technology within an organization. Which of the following examples does **NOT** represent an adoption challenge?

- ☒ People need to buy into a data fabric approach and learn the technology ✗
- ☐ Suitable technologies that support the core data fabric concepts of leaving data in-place with appropriate governance need to be deployed.
- ☐ Creating foundational models requires significant investment up front, but amortizes the work for AI each time it's used.
- ☐ Processes need to be changed and adapted for a sustainable set of data fabric practices

Question **19**

Correct

Points out of 1.00

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Despite 80% of enterprises planning to adopt generative AI, so far 60% of leaders rarely or never use it for commercial activities. How is Adobe partnering with IBM to go beyond the buzz of generative AI?

- ☒ Analyzing their marketing data for better personalization. ✓
- ☐ Building AI applications for text and sensor data, enabling models that detect natural hazards.
- ☐ Achieving breakthrough performance to scale AI workloads for all data.
- ☐ Providing customers with access to a wider range of information through conversational interactions.

Question **20**

Correct

Points out of 1.00

Of the proven high impact use cases for generative AI, what are some examples of the benefits which have led to a 40% improvement in HR productivity?

- ☒ Performance, learning, and event management ✓
- ☐ Code refactoring, conversion, generation, and attribution
- ☐ App connectivity, deployment, and data integration
- ☐ Agent intent efficacy, customer self-service, and case deflection

Question **21**

Correct

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You're talking to a client that is interested in a new license for a Data and AI standalone product (for example, Db2, DataStage, Cognos Analytics, or Planning Analytics). For a net new license, what should you propose?

- ☐ Modernization Upgrade (Cartridge + Cloud Pak for Data)
- ☐ Traditional, non-containerized product
- ☐ IBM Cloud Satellite
- ☒ Cloud Pak for Data Cartridge ✓

Question **22**

Correct

Points out of 1.00

A client is in the process of modernizing their environments using a containerization strategy for their in-house applications and licensed software. They are talking to you about "shared entitlement" for the Cloud Pak for Data Cartridges they purchased, but seem confused about what it allows them to do. How would you describe the deployment options available through the shared entitlement of their Cloud Pak for Data Cartridges?

- ☐ Either no containerization or full containerization
- ☒ No containerization, partial containerization, or full containerization ✓
- ☐ Only partial containerization
- ☐ Only full containerization

Question **23**

Correct

Points out of 1.00

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High quality data is integral in order to be used to train foundation models. Which type of data, which has not been tagged with characteristics, properties, or classifications, is needed in large amount for training?

- ☒ Unlabeled data ✓
- ☐ Labeled data
- ☐ Structured data
- ☐ Unsupervised data

Question **24**

Correct

Points out of 1.00

As an IBM Seller or Business Partner, you want to configure a Modernization Upgrade bid. What tool should you use?

- ☒ The SQO (Software Quote and Order) or PGS (Partner Guided Selling) tools ✓
- ☐ IBM Sales Cloud
- ☐ Seismic
- ☐ Business Value Experience Tool

Question **25**

Correct

Points out of 1.00

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Your client is about to purchase a three-year subscription to Cloud Pak for Data as a Service. Their usage varies considerably from month-to-month, so they are concerned about what happens with their unused credits in months where their usage is light. Which one of the following answers represents the correct consumption-based pricing model for Cloud Pak for Data as a Service?

- ☐ Any unconsumed credits for the month will roll over to the next month, and if there are unconsumed credits remaining at the end of a 12-month term, IBM refunds the client the equivalent dollar amount.
- ☐ Any unconsumed credits for the month will roll over to the next month, and if there are unconsumed credits remaining at the end of a 12-month term, they roll over to the next year's term.
- ☐ Any unconsumed credits for the month do not roll over to the next month.
- ☒ Any unconsumed credits for the month will roll over to the next month, but if there are unconsumed credits remaining at the end of a 12-month term, they do not roll over to the next year's term. ✓