IBM

Exam C2030-136

Foundations of IBM Big Data & Analytics Architecture V1

Version: 7.0

[Total Questions: 58]

Question No : 1

What is a use case example for the Transform Financial Processes business imperative?

A. Portfolio optimization in the banking industry.
B. Customer data monetization in the media and entertainment industry
C. Distribution load forecasting and scheduling in the energy and utility industry
D. Utilizing telematics to price risk and monitor exposure in the insurance industry.

Answer: D

Question No : 2

Risk management is an important activity for most organizations today. Reducing operational risk may require setting up barriers which may reduce business activities and hurt profitability. How can Big Data & Analytics provide solutions that reduce risk while maintaining profitability?

A. Predictive analytics can prevent in-flight transaction credit card fraud.
B. Big data can support company-wide integrated data governance policies and procedures.
C. Security/Intelligence Extension relies entirely on security technologies such as events. logs, and alerts.
D. Focused and detailed fraud policy in each major department of a firm is more effective than an integrated, therefore slow, performing solution.

Answer: B

Question No : 3

IBM SPSS Data Modeler enables the use of data from which to types of nodes?

A. Filters DB. SAP File
B. Screen Capture
C. IBM Cognos TM1
D. Simulation Generate

Answer: C
Reference:

ftp://public.dhe.ibm.com/software/analytics/spss/documentation/modeler/16.0/en/modeler_nodes_general.pdf

Question No : 4

A construction supply company has a lot of machine data ranging from sensors to GPS readings. They want to integrate and analyze this data to help them optimize their resource allocation and gain real time maintenance decision support while ensuring customer satisfaction. Which use case examples should the Solution Advisor review to guide them on their Big Data & Analytics adoption planning?

A. Big Data Exploration
B. Operational Analysis
C. Data Warehouse Modernization
D. Enhanced 360 View of the Customer

Answer: D

Question No : 5

Deploying Big Data & Analytics solutions on a cloud platform requires several architectural decisions in order to achieve optimal design. Which statement is true?

A. Analytic components generally run faster on physical hardware versus virtualized.
B. Off premise cloud implementation is superior to on premise for data privacy for a big data solution.
C. Big data solutions should always try to scale out (horizontal) instead of scale up (vertical) especially considering z/OS-based solutions.
D. Requirements for read-heavy versus write-heavy requirements impact technology choices, but in-memory databases improve performance and scale.

Answer: C

Question No : 6

Data can come from a large number and variety of source systems. Based upon the IBM Big Data & Analytics Reference Architecture which two statement are true when considering analytics on these data sources?

A. Data federation has the best performance and allows in place analytics directly at the source systems.
B. Activity data hubs manage consolidated information about past activity based on the decisions related to entities in a master data hub.
C. Data marts contain a subset of data from various input sources across the enterprise that can be easily updated in real time to provide faster analytics.
D. MapReduce processing does not require a schema when loading the data but does require an understanding of the data format prior to processing the data
E. Customer and account data is consolidated under a master data hub. Whereas product, supplier and asset data are consolidated outside of a master data hub for better analytical efficiency.

Answer: B,C

Question No : 7

Which in-memory database design point helps use main memory more efficiently?

A. Single Instruction Multiple Data processing.
B. Automatic and always-on data compression.
C. Processing data using multiple processor cores.
D. Organizing data according to columns rather than rows.

Answer: A

Question No : 8

What must occur before a bank's Chief Marketing Officer can understand the sentiments social media users are expressing about the bank's credit cards?

A. Monitor social media events in real time. Analyzing unstructured streaming data is necessary to produce immediately actionable insights.
B. Get access to a social media analytics platform. Unstructured data extracted from many external sources are analyzed in relevant context.
C. Add sentiment metrics into the data warehouse. This trusted structured information