What provided the foundation for the transformation to the cloud?

The power, scalability, flexibility, and pay-as-you-go economics.

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As its client base grew, what solution did ActivTrades provision in order to cut latency, accelerate execution, and streamline the delivery of new functions?

It migrated three major systems from on-premises infrastructure to IBM Cloud for VMware solutions, backed by data storage, networking, and security offerings on the IBM Cloud.

How can the adoption of cloud computing technologies allow a company to adapt quickly to changes in the marketplace?

Cloud adoption can help a company adapt quickly to changes in the marketplace.

Cloud adoption can also help a company quickly provision services without any upfront cost so a business can experiment with low risk to capital as opportunities arise.

What type of relationship exists between IoT, AI, and the cloud?

Symbiotic

A symbiotic relationship in which IoT delivers the data, AI powers the insights, and the cloud provides the scalability and processing power that leverages them both to provide value to its users.

A secure, distributed, and open technology with lower costs that builds transparency and traceability in transactional applications describes what?

Blockchain

Blockchain is a secure, distributed, and open technology with lower costs that builds transparency and traceability in transactional applications.

According to an IBM Institute for Business Value study what percentage of enterprises today are using cloud computing to expand into new industries?

75 percent

An IBM Institute for Business Value study indicated that 75 percent of enterprises today are using cloud computing to expand into new industries.

What describes a software application that continues to learn about user preferences based on the frequency of use?

Smart assistant

A Smart assistant is an IoT device that tracks data and information and continues to learn about user preferences based on frequency of use.

An IBM retail client wants help with gathering data on their customers’ buying habits relative to their five top products. Which cloud service can be added to help support the client with this request?

Analytics

Analytic technologies on the cloud can be leveraged to help the client track trends and analyze the data.

Which company recognized the opportunity to remove the constraints of their existing customer-facing applications based on monolithic code into cloud-native based microservices architecture on the cloud?

American Airlines

American Airlines recognized the opportunity to remove the constraints of their existing customer-facing applications based on monolithic code into cloud-native based microservices architecture on the cloud.

According to the International Data Corporation (IDC) by the year 2025, the total amount of digital data created worldwide will rise to how many zettabytes?

163

The IDC predicts by 2025, the total amount of digital data created worldwide will rise to 163 zettabytes.