1. When should an organization consider Blockchain as a possible alternative for a database?

***A Blockchain Is Ideal For:***

* Monetary transactions
* Transfer of value
* Verification of trusted data (identity, reputation, credibility, integrity, etc.)
* Public Key Verification
* Decentralized applications (DApps)
* Voting systems

As defined by the crypto community blockchain technology is used as a means of “transferring trust in a trustless world”. The requirements for blockchains are to establish trust and transparency. It is simply a digital public ledger which allows everyone access to information.

1. Why should you learn more about Blockchain and where can you to to learn, besides taking our excellent course at UNCC?  (you can post links to URL's for articles, videos, etc.)

**A single Universal infrastructure facility:**

The best part about this option is, it offers a single solution or even say infrastructure facility top connected with the other type of market infrastructure. This way you can integrate into the existing process and system. This means, it becomes a lot more convenient for you to change as per the firm changes or the investors, regulators and even managers change and thus, your flexibility improves.

**Universal Crypto Currency**

Since, blockchain technology is used in digital money it can be used to transfer funds between sender and the end receiver without involving intermediaries for the validity and security of transaction. Because blockchains are distributed ledgers, any data transfers are verified and validated by automated consensus protocols without the interference of a central authority or any 3rd party. This ensures that it becomes convenient for you to do the accounting and make the value transfer a lot easier.

**More ways to Explore:**

Since this type of technology is one of the huge sleeping giants, you can use it as a platform to explore different ways. There are many applications of the Blockchain technology that are being explored currently. Even the engineers are trying to make use of this technology and ensure that lot of services are well secured and are without any kind of error. Since already there are startups that are running with it, it certainly has got a huge scope which you can see in future. As an employee it would definitely not disappoint you at any point of time.

**Walk with new cutting-edge technology**

Block chain is still in its infancy stage and having knowledge about this sleeping giant gives you huge advantage in getting High Paying Jobs.

**Useful Links**

<https://www.codementor.io/learn/blockchain>