Muhammad Sheroz 9852   Assignment #01   Bigdata: 110048

Q: The distributed environment is the backbone of a Big data environment. Explain in detail.

Answer: The amount of available data has exploded significantly in the past years, due to the fast growing number of services and users producing vast amount of data. The explosion of devices that have automated and perhaps improved the lives of all of us has generated a huge mass of information that will continue to grow exponentially. For this reason, the need to store, manage, and treate the ever increasing amounts of data has become urgent. The challenge is to find a way to transform raw data into valuable information. To capture value from those kind of data, it is necessary an innovation in technologies and techniques that will help individuals and organizations to integrate, analyze, visualize different types of data at different spatial and temporal scales. Distributed computing together with management and parallel processing principle allow to acquire and analyze intelligence from Big data making Big data Analytics a ~~not~~ reality. Different aspects of the distributed computing paradigm resolve

different types of challenges involved in Analytics of Big data. ~~scratched out text~~

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