

Workshop 2

Blockchain in Education

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Abstract- The education sector is an important one as the finance and healthcare sectors. Verification and security are appointed as an essential concern on universities campuses and after students leave. Data infringements target the records of students to steal data that can be sold by hackers or employed to make unauthentic identities. The blockchain technology (BCT) can be utilised to protect students records and identities; moreover, to make these attacks ineffective. Since data digitisation is becoming widely used by the school from nursery to university, blockchain technology can be vital in ensuring the privacy of students. Furthermore, the selected course information and the learning interactions graph can be stored in a ledger to identify learning patterns, enhance teaching, and build up new learning models. Over and above, BCT can be used to plan the strategy of the funding and to reward students for their achievements. Moreover, BCT can be employed to identify how the university can be restructured according to employers and students' new requirements. To summarise, BCT can boost the system of education in different methods. This technology is ideal for secure information networking, sharing, and storage. Also, the utilizing of BCT can be a benefit in safer, easier, and faster processes.



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