

VES Institute of TEchnology
Department of Computer Engineering
Blockchain Topics for Case Study (2023-24)

1. Blockchain in healthcare: **Enhancing patient data security**
2. Blockchain's Potential in **reducing online fraud and Cybercrime**
3. Decentralized finance (DeFi) and its challenges
4. Blockchain for **real estate transactions and land registry**
5. Blockchain and **autonomous vehicles: A secure data exchange**
6. Blockchain for **provenance and anti-counterfeiting efforts**
7. The emergence of **central bank digital currencies (CBDCs)**
8. Blockchain for **cross-border trade and logistics**
9. The impact of Blockchain on **insurance and underwriting processes**
10. **Decentralized storage solutions** on the Blockchain
11. Blockchain in agriculture: **Enhancing food traceability**
12. Blockchain's role in **combating counterfeit pharmaceuticals**
13. Blockchain for **non-profit organizations and donor transparency**
14. The role of Blockchain in **renewable energy certification**
15. Blockchain's application in **academic credentials verification**
16. The Potential of Blockchain in **e-governance and public services**
17. The role of Blockchain in **reducing bureaucratic inefficiencies**
18. Blockchain for **humanitarian aid and disaster relief efforts**
19. Blockchain's role in enhancing **international trade finance**
20. Blockchain's impact on the **art and collectibles market**
21. Blockchain-based solutions for the **music royalties system**
22. The potential of Blockchain in **reducing healthcare fraud**
23. The use of Blockchain for **digital advertising and marketing**
24. The potential of Blockchain in **enhancing charity donations**
25. Evaluating the energy consumption of different Blockchains
26. Blockchain and the future of **digital identity management**
27. Blockchain in the **diamond and precious metals industry**
28. Blockchain's role in **democratizing access to education**
29. The potential of Blockchain in **democratizing access to art**
30. Blockchain in the **luxury goods and fashion industry**
31. The impact of Blockchain on the **gig economy and Freelancing**
32. Blockchain for **medical research data sharing and collaboration**
33. Blockchain's role in transforming the **gaming and esports ecosystem**

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34. The potential of Blockchain in **combating voter fraud**
35. Blockchain's impact on the **sports industry and fan engagement**
36. Blockchain-based solutions for **digital content rights management**
37. The role of Blockchain in **carbon credit markets**
38. Evaluating the use of Blockchain in **cross-border remittances**
39. The impact of Blockchain on the **retail and e-commerce sector**
40. Blockchain-based solutions for **tracking and reducing food waste**
41. Blockchain's role in **democratizing access to financial services in underbanked regions.**
42. Case Study on Bitcoin Security
43. Case Study on Ethereum Security
44. Different Consensus Algorithms
45. Cryptocurrencies and their security issues,
46. Blockchain for Health Insurance,
47. Blockchain in Supply chain management,
48. Blockchain & PropTech,
49. Blockchain in Banking
50. Blockchain Power Sector
51. Blockchain in IPR (Protection of Copyright and Royalties)
52. Blockchain in Transfer Contracts and Wills
53. Blockchain in Voting
54. Blockchain for Secure personal information
55. Blockchain for Securely sharing medical information
56. Blockchain for Artist royalties
57. Blockchain for Data Storage
58. Blockchain for Gambling
59. Blockchain applications for **anti-money laundering**
60. Blockchain for Advertising
61. Blockchain for Governance
62. IOTA - Blockchain for IoT
63. Compare Top 10 Blockchain Platforms.
64. Compare Top 5 Blockchain Programming Languages
65. Compare Top 10 Cryptocurrencies
66. Evaluating the challenges and opportunities of private Blockchains

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67. Hyperledger Projects (Aries, Anoncreds, Bevel, Besu, Caliper, Cacti, Cello, INDY, IROHA, Sawtooth, Solang, Firefly)
68. Non-Fungible Tokens (NFTs)
69. Blockchain Platforms - IBM Blockchain, ConsenSys Quorum, R3 Corda
70. Blockchain Platforms - Tezos, Stellar, Klaytn, EOSIO, Ripple
71. Algorand, Circle, Chainalysis, DFINITY
72. Helium, Civic, Ligerio, Ocular
73. Chronicled, MEDICALCHAIN, Nebula Genomics
74. Patientory, WholeCare, VOATZ
75. Madhive, Steemit

