

**A Critical success factors evaluation for adopting and implementing blockchain**

**OBJECTIVE OF THE STUDY**

Dear Respondent,

This study aims to identify and classification the factors that can influence the adaption of blockchain in different industries and determine the relationship between the identified success factors.

Thanks in advance for your cooperation and support.

**Q1:** what is your Full Name?    Vipulesh Shardeo

**Q2:** How relevant and helpful do you think it was for your job? Very useful

**Q3**: what is your Email address? vipuleshshardeo@gmail.com

**Q4**: what is your Country? India

**Q5:** what is your Job title industry/academic? Academic

**Q6**: How many years of industry/academia experience do you have in your field?











**Q7:** what is your functional area?

















**Q8:** Does your organization adopted Blockchain technology standards or models? (Please specify)

No

**Q9:** How long the Blockchain is operation in your organization? (Years)

NA

**From questions 10 to 11:** The aim of these questions is to specify the success factors that could impact the adaption of blockchain in different industries. Please rank each factor according to your understanding and experience.

Scoring Scale

0. =No influence

1. =Low influence

2. =Middle influence

3. = High Influence

4. =Very high Influence

**Q10:** Identified Categories of the Factors

|  |  |  |  |
| --- | --- | --- | --- |
|  | Technological context | Organizational context | Environmental context |
| Technological context |  | **4** | **3** |
| Organizational context | **1** |  | **1** |
| Environmental context | **2** | **3** |  |

**Q11:** Identified Challenging Factors and Categories

C1: Technological context

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Scalability | Infrastructural facility | Complexity | Compatibility | Immaturity of Technology | Distributed design |
| Scalability |  | 2 | 3 | 3 | 4 | 3 |
| Infrastructural facility | 2 |  | 4 | 3 | 2 | 2 |
| Complexity | 3 | 2 |  | 2 | 2 | 1 |
| Compatibility | 2 | 1 | 1 |  | 2 | 1 |
| Immaturity of Technology | 1 | 2 | 1 | 1 |  | 2 |
| Distributed design | 1 | 1 | 2 | 2 | 1 |  |

C2: Organizational context

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Lack of experience and knowledge | Training facilities | Top management support | Organizational culture | Financial Constraints | Adequate resource |
| Lack of experience and knowledge |  | 0 | 0 | 1 | 0 | 0 |
| Training facilities | 2 |  | 1 | 3 | 0 | 3 |
| Top management support | 4 | 3 |  | 2 | 2 | 3 |
| Organizational culture | 0 | 2 | 1 |  | 0 | 1 |
| Financial Constraints | 2 | 3 | 2 | 3 |  | 4 |
| Adequate resource | 3 | 3 | 1 | 2 | 3 |  |

C3: Environmental context

|  |  |  |
| --- | --- | --- |
|  | Laws and Policy | Competitive pressure |
| Laws and Policy |  | 3 |
| Competitive pressure | 4 |  |

**Q12:** Please add additional success factors if any..??

Click or tap here to enter text.

Thank you so much for helping me, if you have any other suggestions related blockchain technology please mention below.

Additional Suggestions???

Please rectify the term environmental factor. Either rename it or work on its components. For further details, you can follow our papers as: Shardeo, V., Patil, A., & Madaan, J. (2020). Critical Success Factors for Blockchain Technology Adoption in Freight Transportation Using Fuzzy ANP–Modified TISM Approach. *International Journal of Information Technology & Decision Making (IJITDM)*, *19*(06), 1549-1580. Patil, A., Shardeo, V., Dwivedi, A., & Madaan, J. (2020). An integrated approach to model the blockchain implementation barriers in humanitarian supply chain. *Journal of Global Operations and Strategic Sourcing*.