

**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?    Baidyanath Biswas

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

**Q3**: what is your Email address? baidyanath@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)

Yes

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

Two

**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 |  | **3** | **4** |
| Organizational context | **3** |  | **4** |
| Environmental context | **5** | **5** |  |

**Q11:** Identified Challenging Factors and Categories

C1: Technological context

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Scalability | Infrastructural facility | Complexity | Compatibility | Immaturity of Technology | Distributed design |
| Scalability |  | 5 | 5 | 4 | 5 | 5 |
| Infrastructural facility | 5 |  | 4 | 3 | 4 | 4 |
| Complexity | 4 | 3 |  | 4 | 4 | 4 |
| Compatibility | 4 | 5 | 3 |  | 5 | 4 |
| Immaturity of Technology | 3 | 4 | 5 | 4 |  | 5 |
| Distributed design | 5 | 5 | 5 | 4 | 3 |  |

C2: Organizational context

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Lack of experience and knowledge | Training facilities | Top management support | Organizational culture | Financial Constraints | Adequate resource |
| Lack of experience and knowledge |  | 3 | 4 | 4 | 4 | 2 |
| Training facilities | 2 |  | 4 | 3 | 4 | 3 |
| Top management support | 4 | 4 |  | 3 | 5 | 4 |
| Organizational culture | 4 | 4 | 4 |  | 2 | 1 |
| Financial Constraints | 3 | 5 | 4 | 2 |  | 4 |
| Adequate resource | 3 | 5 | 2 | 5 | 4 |  |

C3: Environmental context

|  |  |  |
| --- | --- | --- |
|  | Laws and Policy | Competitive pressure |
| Laws and Policy |  | 5 |
| Competitive pressure | 3 |  |

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

No

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

Additional Suggestions???

Please refer and cite our research paper: Biswas, B., & Gupta, R. (2019). Analysis of barriers to implement blockchain in industry and service sectors. *Computers & Industrial Engineering*, *136*, 225-241.