1. What is the focus of the study?
2. Why is the Efficient Market Hypothesis (EMH) rejected in the study?
3. What are the characteristics of cryptocurrencies mentioned in the introduction?
4. Who introduced Bitcoin, and when did it gain exponential growth?
5. What label is commonly used for Bitcoin and other digital currencies?
6. Which form of the Efficient Market Hypothesis is most commonly employed in the study?
7. Define weak-form efficiency according to Fama (1970).
8. What is the cornerstone of financial economics?
9. What does the EMH imply about the predictability of financial asset prices?
10. Why is speculation based on long-range dependence not applicable in efficient markets?
11. What is the significance of the Rescaled Range (R/S) and Detrended Fluctuation Analysis (DFA) in the study?
12. What is the main finding regarding the efficiency of Bitcoin in the majority of academic papers?
13. How has the efficiency of cryptocurrencies evolved in recent years?
14. What potential impact can increased efficiency have on trading strategies for speculators?
15. Who are the key stakeholders mentioned in the introduction interested in the growth of cryptocurrencies?
16. What is the time period covered in Urquhart's study on Bitcoin's efficiency?
17. Which tests does Urquhart (2016) use to examine Bitcoin's efficiency?
18. What does the evidence in Urquhart's study suggest about Bitcoin's efficiency over time?
19. How does Nadarajah and Chu (2017) contribute to the study of Bitcoin market efficiency?
20. What is the methodology used by Bariviera (2017) to study long-range dependence in Bitcoin returns and volatility?
21. What period does Bariviera (2017) cover in the study of Bitcoin's long-range dependence?
22. According to Bariviera et al. (2017), what does the evidence suggest about Bitcoin's returns and volatility during the 2011–2014 period?
23. What does Kurihara and Fukushima (2017) investigate regarding Bitcoin's market efficiency?
24. What does Alvarez-Ramirez et al. (2018) use to identify long-range correlations in Bitcoin returns?
25. What do asymmetric correlations in Bitcoin returns, according to Alvarez-Ramirez et al. (2018), lead to?
26. How does Jiang et al. (2018) measure efficiency in the Bitcoin market?
27. What is the period covered in Jiang et al.'s (2018) study of long-term dependence in the Bitcoin market?
28. What is the conclusion regarding Bitcoin's efficiency in Jiang et al.'s (2018) study?
29. What methodologies does Tiwari et al. (2018) employ to examine long-range dependence and efficiency in Bitcoin?
30. What is the data period covered in Tiwari et al.'s (2018) study?
31. What is the key finding regarding Bitcoin's market efficiency in Tiwari et al.'s (2018) study?
32. How does the 2017 bullish market impact academic work on Bitcoin markets?
33. What does the study by Urquhart (2016) indicate about Bitcoin's efficiency since August 2013?
34. What do Bariviera et al.'s (2017) results suggest about the early life of Bitcoin until 2014?
35. How does Kurihara and Fukushima (2017) characterize the Bitcoin market in terms of efficiency?
36. What do overall findings reveal about the efficiency of the Bitcoin market?
37. In which subperiods does the study show evidence of inefficiency in the Bitcoin market?
38. How does Cheah et al. (2018) study interdependence in Bitcoin markets across countries?
39. What does Cheah et al. (2018) find regarding informational inefficiency across Bitcoin markets?
40. How does uncertainty impact Bitcoin markets according to Cheah et al. (2018)?
41. What is the impact of the introduction of Bitcoin futures on its efficiency, according to Köchling et al. (2018)?
42. What method does Sensoy (2018) use to estimate Bitcoin's efficiency?
43. What does Sensoy (2018) find regarding the efficiency of Bitcoin exchange rates to USD and EUR?
44. How does liquidity impact informational efficiency in Bitcoin markets according to Sensoy (2018)?
45. What does Kristoufek (2018) use to measure efficiency in Bitcoin markets?
46. What does Kristoufek (2018) conclude about the efficiency of the USD and CNY Bitcoin markets?
47. How do Phillip et al. (2018a) measure long memory in cryptocurrencies?
48. What is the outcome regarding the efficiency of digital currency markets in Phillip et al.'s (2018a) study?
49. What does Almudhaf (2018) investigate regarding Bitcoin Investment Trust (BIT)?
50. What methodology does Almudhaf (2018) use to analyze the relationship between prices and NAV of BIT?
51. What is the linkage between returns of Bitcoin Investment Trust and premiums according to Almudhaf (2018)?
52. How does Khuntia and Pattanayak (2018) investigate return predictability in the Bitcoin market?
53. What periods show high levels of efficiency in Khuntia and Pattanayak's (2018) study?
54. What alternative perspective in examining efficiency in Bitcoin markets is adopted by Ji et al. (2018)?
55. What does Ji et al. (2018) find regarding the efficiency and centrality of the Bitcoin market?
56. What does Lahmiri and Bekiros (2018) study about Bitcoin's chaos, randomness, and multi-scale correlation structure?
57. How does Lahmiri and Bekiros (2018) characterize Bitcoin prices during high and low regime periods?
58. What does Lahmiri et al. (2018) investigate regarding Bitcoin volatility?
59. What is the overall conclusion of Lahmiri et al.'s (2018) study on Bitcoin markets and the Efficient Market Hypothesis?
60. How does Takaishi (2018) analyze the statistical properties of Bitcoin prices?
61. What is Takaishi's (2018) finding about the influence of the Brexit decision on Bitcoin prices?
62. What does Takaishi and Adachi (2018) investigate regarding the Taylor effect in Bitcoin time series?
63. What does Hattori and Ishida (2019) explore regarding arbitrage in Bitcoin spot and futures markets?
64. What period does Hattori and Ishida's (2019) study on Bitcoin arbitrage cover?
65. How does Aggarwal (2019) examine efficiency in Bitcoin markets?
66. What period does Aggarwal (2019) consider in studying efficiency in Bitcoin markets?
67. What type of efficiency does Kristoufek (2018) measure using the Efficiency Index (EI)?
68. How does Al-Yahyaee et al. (2018) compare Bitcoin market efficiency to other asset markets?
69. What is the finding of Al-Yahyaee et al. (2018) regarding Bitcoin's efficiency compared to other markets?
70. How does Mbanga (2018) investigate the day-of-week pattern of price clustering in Bitcoin?
71. What does Lahmiri and Bekiros (2018) find regarding the alteration in Bitcoin prices during market crashes?
72. How does Lahmiri and Bekiros (2018) characterize alterations in Bitcoin returns during the high-price regime?
73. What is the finding of Lahmiri et al. (2018) regarding Bitcoin markets' suitability for hedging?
74. What is the key focus of Takaishi and Adachi's (2018) study on Bitcoin time series?
75. How does Vidal-Tomás and Ibañez (2018) assess semi-strong efficiency in Bitcoin markets?
76. What does Vidal-Tomás and Ibañez (2018) conclude regarding the influence of news on Bitcoin returns?
77. What methodology does El Alaoui et al. (2018) use to investigate the non-linear linkage in Bitcoin prices and volume?
78. What does Lahmiri and Bekiros (2018) employ to study the multi-scale correlation structure of Bitcoin prices and returns?
79. What is the primary conclusion of Lahmiri and Bekiros (2018) regarding Bitcoin's multi-scale correlation structure?
80. How does Takaishi (2018) characterize the statistical properties of Bitcoin prices during the high-price regime?
81. What do Takaishi and Adachi (2018) find regarding daily seasonality in the Taylor effect of Bitcoin?
82. What does Hattori and Ishida (2019) conclude about arbitrage opportunities in Bitcoin spot and futures markets?
83. What does Aggarwal (2019) use to examine the efficiency of Bitcoin markets?
84. What do the estimation results suggest about Bitcoin returns?
85. Why is evidence provided in favor of strong inefficiency in the Bitcoin market?
86. What period does Bouri et al. (2019) cover in their investigation of Bitcoin price persistence?
87. What data sources were used by Bouri et al. (2019) in their study?
88. How did Bouri et al. (2019) examine the persistence in the level and volatility of Bitcoin prices?
89. What does Bouri et al. (2019) conclude about shocks and mean reversion in Bitcoin levels?
90. How many structural breaks are detected by Bouri et al. (2019) in Bitcoin dynamics during each period?
91. What type of memory is found in absolute and squared returns measures of Bitcoin volatility?
92. What is the overall conclusion about Bitcoin's efficiency based on Bouri et al. (2019)?
93. What data did Zargar and Kumar (2019a) adopt for their investigation of Bitcoin market efficiency?
94. Which tests did Zargar and Kumar (2019a) use to examine the validity of the martingale hypothesis in the Bitcoin market?
95. What do the findings of Zargar and Kumar (2019a) suggest about Bitcoin market efficiency at higher frequencies?
96. What is the focus of Zargar and Kumar (2019b) regarding long memory in the Bitcoin market?
97. What is indicated by Zargar and Kumar (2019b) regarding the persistence of long-memory parameters in Bitcoin?
98. How does Wei (2018) measure liquidity in the cryptocurrency market?
99. What is revealed by Wei (2018) regarding the relationship between liquidity and market efficiency in cryptocurrencies?
100. What is the primary focus of Brauneis and Mestel's (2018) study on efficiency in cryptocurrency markets?
101. Which cryptocurrency is found to be the most efficient across Brauneis and Mestel's (2018) study?
102. How do Charfeddine and Maouchi (2018) investigate long-range dependence in returns and volatility of cryptocurrencies?
103. What evidence does Charfeddine and Maouchi (2018) find regarding the efficiency of Ethereum compared to other cryptocurrencies?
104. What does Kaiser (2018) examine regarding seasonality patterns in cryptocurrency returns?
105. What does Köchling et al. (2019) use to study time delay of digital currency markets to price information?
106. What do the outcomes of Köchling et al.'s (2019) study suggest about the efficiency of cryptocurrency markets over time?
107. How many cryptocurrencies were considered by Köchling et al. (2019) in their study?
108. What do the majority of studies suggest about the efficiency of cryptocurrency markets?
109. How do Zhang et al. (2018) analyze stylized facts about digital currencies?
110. What does the Hurst exponent combined with rolling windows reveal about the Bitcoin market according to Zhang et al. (2018)?
111. What currencies present long-range dependence in volatility according to Phillip et al. (2018b)?
112. What does Brauneis and Mestel (2018) conclude about the level of persistence in the cryptocurrency market over time?
113. What does Chaim and Laurini (2018) use to study seasonality patterns in Bitcoin and gold returns?
114. What does Chaim and Laurini (2019) investigate regarding the mean and volatility of returns in major cryptocurrencies?
115. How do Chaim and Laurini (2019) categorize jumps in the mean and volatility of returns in cryptocurrencies?
116. What does Kaiser (2018) reveal about the efficiency of Bitcoin concerning calendar effects?
117. How do Charfeddine and Maouchi (2018) investigate long-range dependence in returns and volatility of cryptocurrencies?
118. What does Charfeddine and Maouchi (2018) find regarding the LRD behavior in Bitcoin, Litecoin, and Ripple?
119. What does Wei (2018) reveal about the relationship between liquidity and anti-persistence in illiquid markets?
120. What is the basic structure of Bitcoin?
121. How does cryptocurrency enable digital value exchange without third-party oversight?
122. Why does Bitcoin have value despite lacking intrinsic value like gold?
123. What is the significance of the fixed limit of 21 million bitcoins?
124. How does Bitcoin serve as a safe haven against inflation from national government changes?
125. Why is Argentina experiencing increased cryptocurrency usage?
126. What event led to Bitcoin being the best-performing currency in 2015?
127. How does the public ledger (blockchain) impact Bitcoin's transparency?
128. What is the "fire triangle" in the context of Bitcoin's adoption?
129. Why is semi-anonymity in Bitcoin a concern for potential adopters?
130. How did Silk Road impact the public perception of Bitcoin?
131. Why are security concerns a weakness for Bitcoin?
132. What is the significance of the "halving event" in Bitcoin mining?
133. How does Bitcoin address the problem of unbanked consumers in developing countries?
134. What percentage of Latin Americans lack access to bank accounts?
135. Why is Bitcoin considered a transformative technology in the financial industry?
136. How does Bitcoin contribute to global trade and mutual prosperity?
137. What role does the community of developers play in Bitcoin's progression as a transformative technology?
138. Why do businesses see value in using cryptocurrencies for international transactions?
139. What potential market exists for developers improving Bitcoin usability through applications and GUI?
140. How does the "fire triangle" concept apply to the potential legitimacy of Bitcoin as a mainstream currency?
141. What impact does transaction rate growth, as seen by BitPay, have on user acceptance of Bitcoin?
142. Why is Argentina a hotbed for increased cryptocurrency usage?
143. How do "stress tests" on the Bitcoin network reveal weaknesses in its design?
144. What role does semi-anonymity play in Bitcoin's adoption challenges?
145. How did the Silk Road impact the perception of cryptocurrencies beyond Bitcoin?
146. Why do security breaches, such as the Mt Gox hack, have a lasting impact on Bitcoin's reputation?
147. How does the "halving event" affect the Bitcoin mining community and network security?
148. What factors contribute to Bitcoin being a viable solution for large-scale international transactions?
149. How does the current market state of cryptocurrencies hinder their maturity as a form of currency?
150. What problems related to unbanked consumers can cryptocurrencies like Bitcoin help alleviate?
151. Why is the Latin American market specifically highlighted in the context of Bitcoin's impact?
152. How can Bitcoin's transformative technology extend beyond the financial industry?
153. Why is there a demand for developers to create applications improving Bitcoin usability?
154. What is the relationship between Bitcoin's progression and its ability to solve long-standing problems?
155. How does Bitcoin's unique solution address the problem of unbanked consumers in Latin America?
156. What distinguishes cryptocurrencies from traditional fiat currencies in their agility and global usability?
157. Why does Bitcoin's ability to act as a "safe haven" make it attractive during global market shifts?
158. How does the peer-to-peer nature of Bitcoin potentially disrupt traditional banking systems?
159. Why do investors view Bitcoin as a refuge against inflating national currencies?
160. What advantage does cryptocurrency offer in international transactions compared to traditional wiring of money?
161. How does the speed of cryptocurrency transactions benefit businesses during emergencies, such as a denial-of-service attack?
162. Why is cryptocurrency considered advantageous for online marketplaces like Amazon and eBay?
163. What role did Silk Road play in demonstrating the success of a digital currency connecting buyers and sellers?
164. How does cryptocurrency address the issue of fees for vendors in online shopping transactions?
165. Why is the European Court of Justice's exemption of bitcoin transactions from value-added tax significant?
166. What challenge does Bitcoin face in terms of user acceptance related to value fluctuations?
167. How does the lack of central ownership impact the marketing of cryptocurrencies?
168. Why do fraud and theft incidents, such as the Mt Gox hack, negatively impact the reputation of cryptocurrencies?
169. What potential impact can US regulations have on the adoption of cryptocurrency-based business models?
170. How does the lack of standardized security measures affect the overall security of cryptocurrency networks?
171. Why do competitors like ApplePay pose a significant challenge to Bitcoin's widespread acceptance?
172. How does the lack of classification by the US government affect Bitcoin's legitimacy as a currency?
173. What crucial legislation regarding bitcoin taxation is still missing in major markets?
174. Why is cryptocurrency considered a potential player in the commodity market, similar to gold?
175. How does Bitcoin's ability to perform as a commodity contribute to its acceptance during global economic shifts?
176. What role can cryptocurrency play in bridging economic gaps through microtransactions?
177. Why is blockchain technology considered beyond Bitcoin's backbone, with potential applications like smart contracts?
178. How does the usage of cryptography contribute to the creation of cryptocurrency as a digital property?
179. Why is the exploration of other forms of digital property important in the context of cryptocurrency development?
180. What triggered the introduction of cryptocurrencies after the 2008 global financial crisis?
181. How did the global financial crisis impact banks beyond the United States?
182. Why was bitcoin introduced after the 2008 financial crisis?
183. What role does blockchain play in cryptocurrencies?
184. How many cryptocurrencies have entered circulation since the launch of bitcoin?
185. What is the significance of cryptocurrencies in modern-day transactions and economic systems?
186. Why is blockchain technology attracting attention from central and retail banks?
187. How do cryptocurrencies differ from traditional currencies in terms of governance?
188. What is the main concept behind the blockchain in cryptocurrency transactions?
189. Why is the mining process crucial in cryptocurrency systems?
190. How does blockchain address the double-spending problem in cryptocurrency transactions?
191. What challenges did the global financial crisis pose to conventional banking systems?
192. How did the 2008 financial crisis impact countries like Finland and China?
193. Why are cryptocurrencies considered a potential solution to inefficiencies in cross-border payments?
194. What distinguishes cryptocurrencies as decentralized currencies?
195. How do cryptocurrencies impact traditional financial institutions' concentration of risks?
196. What is the primary function of Ripple in the context of cryptocurrencies?
197. How does the use of cryptocurrencies affect cash flows and supply chain structures?
198. What role does blockchain play in mitigating the cost of trust in financial systems?
199. How does the limit on the number of bitcoins contribute to stability in cryptocurrency value?
200. Why did the creator of bitcoin choose to remain anonymous under the pseudonym Satoshi Nakamoto?
201. How does the mining process incentivize participants in the cryptocurrency network?
202. What is the advantage of using cryptocurrencies in online shops?
203. How does the settlement time of cryptocurrencies compare to non-cash financial transactions?
204. Why are cryptocurrencies considered an alternative for central bank settlement instruments?
205. How do cryptocurrencies prevent chargebacks for merchandisers?
206. What potential impact do cryptocurrencies have on traditional banking arrangements?
207. Why do some users primarily consider cryptocurrencies, especially bitcoin, as an investment?
208. How does the low correlation of cryptocurrencies with traditional financial instruments benefit investors?
209. What is an Initial Coin Offering (ICO) in the context of cryptocurrencies?
210. How does the ICO market compare to traditional venture capital in Europe?
211. Why is the ICO market subject to ongoing regulatory uncertainty?
212. What is a DAO (Decentralized Autonomous Organization) in the context of cryptocurrencies?
213. How has the development of the cryptocurrency market impacted e-commerce?
214. Why do small businesses benefit from cryptocurrencies in e-commerce?
215. How do cryptocurrencies contribute to financial inclusion and sector development?
216. What challenges do cryptocurrencies face in terms of scalability?
217. Why is IOTA cryptocurrency considered suitable for the Internet of Things (IoT) ecosystem?
218. What challenges inhibit the widespread implementation of cryptocurrencies in finance?
219. How does the IOTA tangle address the scalability issue in cryptocurrencies?
220. What role do ICOs play in entrepreneurial finance?
221. Why is the adoption of cryptocurrencies seen as a potential replacement for traditional currencies?
222. How do cryptocurrencies like bitcoin create opportunities for diversification in investment portfolios?
223. What is the significance of the proof-of-work mechanism in cryptocurrency implementation?
224. Why are chargebacks not possible with cryptocurrencies in merchandising transactions?
225. How do cryptocurrencies impact the recording of transactions on bank balance sheets?
226. Why is the settlement time of cryptocurrencies significantly shorter than other payment methods?
227. What is the role of ICOs in funding blockchain-based projects?
228. How do cryptocurrencies contribute to financial inclusion, according to Vincent & Evans (2019)?
229. Why do some users primarily consider cryptocurrencies as investments rather than for transactions?
230. How do DAOs operate in the context of cryptocurrencies?
231. What is the potential impact of the IOTA cryptocurrency on scalability issues in blockchain?
232. Why are ICOs considered a significant innovation in entrepreneurial finance?
233. How does the ICO market compare to traditional venture capital in Europe, according to Amsden and Schweizer (2018)?
234. What challenges inhibit the widespread implementation of cryptocurrencies in finance?
235. Why are cryptocurrencies considered a new trust model for e-commerce?
236. What is the relationship between the use of cryptocurrencies and the rise of e-commerce?
237. How does the blockchain protocol contribute to the usefulness of cryptocurrencies for large companies?
238. Why do some stakeholders argue that cryptocurrencies could be a viable alternative for central bank settlement instruments?
239. What challenges do cryptocurrencies face in terms of scalability?
240. How do cryptocurrencies contribute to financial inclusion and sector development?
241. Why is the availability of cryptocurrencies considered a viable alternative for central bank settlement instruments?
242. What is the potential impact of bitcoin on black markets?
243. How does bitcoin undermine the policing efforts of authorities in the digital black market?
244. Why are cryptocurrencies used in illegal darknet marketplaces?
245. What led to the seizure of over 24,000 bitcoins from a large Australian drug dealer?
246. Why are cryptocurrencies associated with illegal activities like drug trading and money laundering?
247. How does the decentralized nature of cryptocurrency transactions impact traceability?
248. What challenges do some European countries, like Austria and Belgium, face regarding cryptocurrency regulation?
249. Why are cryptocurrencies considered the largest unregulated markets globally?
250. How did the shutdown of the Silk Road impact awareness of bitcoin and cryptocurrencies?
251. Why must the use of cryptocurrencies adhere strictly to anti-money laundering regulations?
252. How does the energy consumption of cryptocurrencies compare to traditional payment systems like Visa?
253. Why is the energy consumption of cryptocurrencies a concern for environmental impact?
254. What countries have opposed the use of cryptocurrencies, and why?
255. How can cryptocurrencies act as a tax haven and contribute to tax evasion?
256. Why do cryptocurrencies present challenges for governments trying to eliminate tax evasion?
257. What potential concern arises from the use of cryptocurrencies in financing terrorism?
258. How have cybercriminals targeted cryptocurrencies, leading to thefts?
259. Why is the loss of private keys a significant security concern for cryptocurrency users?
260. What is a drawback of cryptocurrencies compared to government-issued currencies?
261. Why do cryptocurrencies exhibit high volatility in their prices?
262. How did the price of a single bitcoin change from January 2013 to November 2013?
263. Why is the high volatility of cryptocurrencies challenging for reporting and auditing purposes?
264. How can financial institutions contribute to the volatility and uncertainty of cryptocurrencies?
265. What challenges does the high volatility of cryptocurrencies pose to trust in their usage for transactions?
266. How do cryptocurrencies spur innovation and create new business models?
267. Why are cryptocurrencies considered programmable and supportive of autonomous decentralized organizations?
268. What is the potential role of cryptocurrencies in simplifying data trading in the Internet of Things (IoT) ecosystem?
269. How do cryptocurrencies contribute to fundraising for new projects without traditional endorsements?
270. Why do cryptocurrencies have the potential to affect other industries beyond finance?
271. What are the drawbacks of cryptocurrencies in terms of governance in peer-to-peer networking transactions?
272. Why are users at risk of losing wallets and transaction abilities in the case of bugs affecting cryptocurrencies?