



CAPSTONE PROJECT SUMMARY

Qualitative Examination of Bitstamp as a Crypto
Exchange Platform and the Crypto Mining Situation in
Kazakhstan

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Table of Contents

Overview.....	2
Objectives.....	2
Methodology & Data resources.....	3
Key Outcomes.....	3
Key Learnings	4

Overview

The following capstone project aims to undertake a thorough qualitative analysis of Bitstamp as a well-known cryptocurrency exchange platform and investigate the conditions of cryptocurrency mining in the heart of Central Asia, Kazakhstan, since 2021. The project aims to provide useful review into the operations, features, and user experiences on Bitstamp as well as provide information on the dynamics, challenges, and opportunities within the cryptocurrency mining industry in Kazakhstan by analyzing these two aspects of the cryptocurrency ecosystem.

Objectives

The project holds two goals, first of which is to provide a thorough and equitable assessment of the platform's features and services. This will involve evaluating them on multiple parameters such as their security measures, fee structures, user interface, customer service, and compliance with regulations. This will help users to identify the platform's advantages, disadvantages, and any risks related to usage. Moreover, it can let users making more informed decisions by contrasting the platform's offers with other players in the market with a clear perspective.

The second one is to identify the current conditions of the crypto mining industry in Kazakhstan. The project will explore the factors that effect on its growth, analyze its environmental impact, assess the regulatory framework and discuss its social implications. Through this, the review will provide a clearer understanding of the crypto mining industry in Kazakhstan while highlighting its challenges and opportunities. Ultimately, this part of the project aims to educate stakeholders such as miners, investors, politicians, or researchers about the actual view of crypto mining inside the country.

Methodology & Data resources

For the review of crypto exchange platform, the information was gathered from Bitstamp's official website and its two apps. BrokerChooser developed a robust algorithm that considers several criteria in order to evaluate and compare various exchange platforms globally. Thus, as a first step, all the gathered information was taken from the main official website by opening an account in a platform, evaluating main features and highlights. After, the information that was fathered for the user needs were inputted into the specific criteria that lets the algorithm to calculate the score on the factors discussed above. Thereafter, the review represented all the necessary information about the platform, its minimum requirements to enter to the market, comparative evaluation was provided with other crypto exchange platforms that are analyzed by the firm, advantages and disadvantages of using the platform and etc.

The method of approach for the review on the crypto mining conditions in Kazakhstan was made through the use of a wide range of external sources that present a reliable information regarding the recent situations and innovations in Kazakhstan. Therefore, it involved an appropriate literature review from such platforms as Cambridge Center for Alternative Finance, New York Times, Financial Times and etc. Other data collection comes from reputable sources such as governmental reports, news articles, and academic studies. Analyzing recent legislative changes, technological developments and trends in market helped to a better understanding of the current conditions and future potential of crypto mining in the country.

Key Outcomes

- Bitstamp evaluation: A detailed analysis of Bitstamp's advantages, disadvantages, and potential areas for development was provided by this qualitative investigation of the cryptocurrency trading platform. Users will be able to better comprehend the features, user

experience, security precautions, customer service, and general performance of the platform thanks to this analysis.

- A Brief Overview on Crypto Mining in Kazakhstan: Researching the journey into crypto mining sector in Kazakhstan provided key details on the regulatory environment, energy infrastructure, technological developments, and prospective business opportunities for miners. The difficulties, viability, and profitability of crypto mining operations in this country were revealed by this examination.

Key Learnings

- Understanding the functionality of Bitstamp: through the use of qualitative examination on Bitstamp, I acquired a comprehensive understanding of how a crypto exchange platform operates.
- Knowledge of Crypto Mining in Kazakhstan: I gained insights into the crypto mining landscape in Kazakhstan through the regulatory environment, energy infrastructure, and technological advancements overview.
- Applying Qualitative Analysis Techniques: the Capstone Project provided an opportunity to apply qualitative analysis techniques, such as data collection, interpretation and synthesizing the gathered information.
- Ethical Considerations and Independence: I learned how to prioritize unbiased assessments and recommendations, ensure that findings are not influenced by external factors or agreements.