

# Bikroy.com Mobile Data Web Scraper

## Introduction

This project involved web scraping mobile phone data from [Bikroy.com](https://www.bikroy.com). Bikroy.com is a leading online marketplace in Bangladesh, allowing users to buy and sell a wide variety of products and services. This platform is famous for mobile selling and buying. The scraped data encompasses various fields relevant to mobile phones, including:

## Methodology

Due to hardware limitations, the scraping script focused on the first 5 pages of the website. Python libraries were utilized to extract the desired data.

## Data

The scraped data is stored in a CSV file named 'mobile\_data.csv' and consists of the following columns:

Data Field	Description
Mobile Name	Name of the mobile phone model
Model	Specific model variant
Price	Price of the mobile phone
Review	User reviews of the mobile phone
Feature	Key features of the mobile phone
Owner Name	Name of the mobile phone owner (if available)
Model	Model name again (might be redundant data)
Date and Time	Date and time of the review or data posting (if available)
Location	Location of the review or data posting (if available)

## Limitations

- Hardware constraints limited scraping to the initial 5 website pages.
- The script's functionality might be impacted by website structure changes.

## Future Enhancements

- Expanding data scraping to encompass more website pages or incorporating pagination.
- Refining data cleaning and preprocessing techniques.
- Exploring data visualization and analysis methods.
- Considering database storage for the scraped data.

## Conclusion

This project successfully scraped mobile phone data from [Bikroy.com](https://www.bikroy.com) demonstrating web scraping techniques for data acquisition. The project serves as a foundation for further development, including expanding the scope of scraped data and implementing advanced data analysis methods.