

## **PEER GROUP 10**

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# **Murukali Product Data Scrapping Report**

## **Overview**

This project focused on scraping product data from the Murukali e-commerce website, analyzing the collected data, and visualizing product pricing information.

## **Objectives**

- Collect product details (name, price, description, image URL, link).
- Store and analyze the data.
- Visualize product pricing for comparison.

## **Tools Used**

- Python, Requests, BeautifulSoup, JSON, Pandas, Matplotlib

## **Methodology**

- Scraped product data from web pages.
- Cleaned and processed the data.
- Stored the data in a CSV file.
- Performed price analysis and visualization.

## **Products Scrapped**

- Laptop Stand
- USB-C Hub Adapter
- Wireless Keyboard
- Ergonomic Office Chair
- Plastic Bathroom Accessories (6pcs)
- Car Shape Bluetooth Speaker
- Haishi Wall Clock

## **Key Results**

- Collected and stored product data in CSV.
- Generated price statistics.
- Visualized product price comparisons with a bar chart.

## **Conclusion**

The project efficiently gathered and analyzed product data, providing valuable insights into product pricing through clear visualizations.

## **Future Enhancements**

- Scrape more product attributes like ratings and reviews.
- Expand product selection.
- Automate data collection and updates.
- Add advanced visualizations and analysis.