

**Project Title:**

Scraping Borjan Product Data (Including Prices, URLs, and Images)

**Objective:**

To scrape and export complete product information from Borjan's website, ensuring 100% accuracy and a clean dataset.

**Data Extracted:**

- Product Name
- Current Price
- Original Price
- Product Page URL
- Product Image URL

**Tools Used:**

- Python Programming Language
- BeautifulSoup (HTML Parsing)
- Requests (Data Fetching)
- pandas (Data Cleaning & Saving)
- **matplotlib** (for data visualization)

**Challenges & Solutions:**

- Prices were incorrectly displayed (like 58.0 instead of 5800).
  - *Solution:* Adjusted by multiplying prices by 100 for correctness.
- Capturing dynamic links and images.
  - *Solution:* Parsed HTML carefully to fetch all necessary attributes.

**Benefits Gained:**

- Strengthened my web scraping experience.
- Improved real-world problem-solving (price issues, missing fields).
- Developed professional datasets ready for business analysis.
- Learned clean project organization — ideal for clients and business owners.

**Future Improvements:**

- Add Discount % calculations automatically.
- Create bar charts showing top discounted products.
- Schedule scraping for automated updates.