

# Project

## Movies & E-Commerce

### Project 1: IMDB Top 100 Movies

- **Task:** Scrape IMDB's Top 100 movies (from [IMDB Top 250](#)).
- **Output:** Extract **movie name**, **year**, **rating**, then show top 5 per decade.
- **Hints:**
  - Use `.find("td", class_="titleColumn")` for names & years.
  - Use `.find("strong")` for ratings.
  - Use `pandas` to group by decade (`year // 10 * 10`).

### Project 2: E-commerce Product Scraper

- **Task:** Scrape **product name**, **price**, **rating** from Amazon/Flipkart (or test site).
- **Output:** Save results to Excel and show **average price & top-rated product**.
- **Hints:**
  - Amazon uses `<span class="a-size-medium">` for product names.
  - Use `headers = {"User-Agent": "Mozilla/5.0"}` in requests.
  - Use `pandas.DataFrame` for analysis.

# Submission Instructions

1. Complete **Both the project** from the sets above.
2. Push your project code to a **new GitHub repository** under your own account.
  - Example: [github.com/yourusername/web-scraping-project](https://github.com/yourusername/web-scraping-project)
3. Copy your **GitHub repo link**.
4. Paste it into the following Google Sheet under your **proper full name, Roll No, Github link** :

 [Google Sheet Link](#)