



Scraping website data can be done easily using Power Query in Excel or by using Power BI. Both these tools have the ability to scrape tabular data from a website. The applications will search for a table within in the website and allows you to import it into the data model or Excel.

## Assignment-6

### Task 1: Website Selection

Choose a suitable website that permits web scraping without legal restrictions. ([www.who.int](http://www.who.int))

### Task 2: Web Scraping

Using PowerBi scrape the data from the website to your PowerBi.

### Task 3: Data Cleaning and Transformation

Clean and transform the scraped data. Handle missing values, remove irrelevant information, and ensure data consistency.

### Task 4: Data Visualization

Design meaningful visualizations to convey insights. Utilize appropriate chart types based on data and analysis goals. Enhance visual appeal with colors, labels, and titles. Incorporate tooltips, drill-down, and interactivity.

### Task 5: Report Presentation

Compile visualizations into a cohesive report or dashboard.

### **\*\*Optional Task\*\***

Task 2 can be done with Web Scrapping Technique using Python and you can save the scraped data into CSV or Excel file and then you can import the data into PowerBi.

**Submission:** The Entire assignment should be submitted by the date mentioned in the email, You have to upload the PowerBi file (\*.pbix or \*.pbit) (Web scraped data.csv and jupyter notebook) (optional) in github.