

This assignment is meant to test your ability to create an automation that scrapes data from a website and saves it to different file formats.

Problem Statement

Your task is to build an automation that scrapes data about the 20 largest cryptocurrencies by market capitalization from <https://coinmarketcap.com/> and save it in .csv and .xlsx file format on your computer.

How to Get Started

1. Create a new blank project in UiPath Studio and give it an appropriate name and description.
2. Navigate to <https://coinmarketcap.com/> and familiarize yourself with the website and the data to be scraped.
3. Start building your robot!

Approach

For this assignment, your goal is to create an automation that performs the following steps:

1. Scrape data from the 20 largest cryptocurrencies from <https://coinmarketcap.com/>

Hint: Use the Data Scraping wizard.

2. Paste the data in an Excel sheet.

Hint: Make sure you have the scraped data stored in a DataTable variable.

3. Save it as .csv and .xlsx file format.

Key Automation Activities

For this assignment, you are likely to use the following activities in UiPath Studio:

- Open browser
- Data scraping
- Write CSV
- Write range

Additional Tasks

If you desire an additional challenge, you may attempt to send the .csv and .xlsx files as an email attachment to yourself, using your preferred email provider.

Evaluation

- **Desired result and output:** Your automation should successfully save the data from the 20 largest cryptocurrencies in both .csv and .xlsx file formats on your computer.
- **Process and workflow design:** The activities in UiPath Studio are well structured and organized, in addition to activities having appropriate comments and annotations to improve readability.

The solution XAML file is available as a downloadable resource in the “Solution Walkthrough”

The solution `.xAVML-11e` is available as a downloadable resource in the `Solution Walkthrough` lesson.