This Python script is designed to scrape the Florida Polytechnic University directory webpage to extract information such as names, departments, email addresses, and phone numbers of faculty members. The script uses the BeautifulSoup library to parse the HTML content of the webpage and retrieve the relevant data from the tables.

Here are the main steps of the project:

1. Import necessary libraries: The script starts by importing the required libraries, including requests, BeautifulSoup, urlopen, and logging.
2. Define the URL: The URL of the Florida Polytechnic University directory webpage is assigned to a variable.
3. Fetch the raw HTML content: The script opens the URL using urlopen and reads the HTML content.
4. Parse the HTML content: BeautifulSoup is used to parse the HTML content of the webpage, making it easier to extract data from specific tags.
5. Extract data from tables: The script finds all occurrences of the table tags on the page and then retrieves the data from the table rows (tr) and table data (td) tags. The data is cleaned and processed to obtain the faculty names, departments, email addresses, and phone numbers.
6. Create DataFrames: The extracted data is organized into separate DataFrames for names, departments, email addresses, and phone numbers.
7. Combine DataFrames: The individual DataFrames are then concatenated to create a final DataFrame containing all the extracted information.
8. Export data to CSV: Finally, the consolidated data is exported to a CSV file named "Florida\_Polytechnic\_University.csv" using the pandas to\_csv method.