

Graded Quiz: Extract, Transform, Load (ETL)

1. What is a prerequisite for executing Python code in Cloud IDE?

1 / 1 point

- ☐ Install the AI Chatbot
- ☒ Install the required Python libraries
- ☐ Install the instructions
- ☐ Copy the code block

✓ **Correct**

Correct! Before you begin writing the code, you will need to install the required Python libraries or packages in this cloud-based environment.

2. You want to list the files with .CSV extension. Which function will take a .CSV as input and give a list of files with .CSV extension as the output?

1 / 1 point

- ☐ return
- ☐ read
- ☐ list
- ☒ glob

✓ **Correct**

Correct! Using the glob function, the input is the file extension, and the output is a list of files with that particular extension.

3. You want the order of the extracted data in the data frame to be the same as the appended row. How will you achieve this order of data in the data frame?

1 / 1 point

- ☒ Set "ignore_index" to True
- ☐ Call the extract data function
- ☐ Do not set the "ignore_index" parameter
- ☐ Set the "now" variable

✓ **Correct**

Correct! If we set the "ignore_index" parameter to true, then the order of each row would be the same as the order the row was appended to the data frame.

4. Which element in the HTML page contains the meta information?

1 / 1 point

- ☐ title tag
- ☐ Body
- ☐ p tag
- ☒ Head

✓ **Correct**

Correct! The Head element contains meta-information about the HTML page.

5. Which part of the URL indicates the location of the resource on the web server?

1 / 1 point

- ☐ Scheme
- ☒ Route
- ☐ Server name
- ☐ Internet address

✓ **Correct**

Correct! A route indicates the location of the resource on the web server, such as `/images/IDSNlogo.png`.