

1. The temperature reporting scenario that you are discovering in the video uses two APIs. What do these APIs do? (multiple answers)

1 / 1 point

- ☐ Keeps track of the temperature times
- ☒ Extraction

✓ Correct

Correct, the 'get\_temp\_api' reads current temp from a remote sensor.

- ☐ Writes temp stats from log file
- ☒ Load

✓ Correct

Correct, the 'load\_stats\_api' loads stats to a dashboard repository.

2. The video creates an ETL shell script and names it 'Temperature\_ETL.sh'. A command is then used to turn it into what type of file?

1 / 1 point

- ☒ BASH
- ☐ Text
- ☐ PY
- ☐ CSV

✓ Correct

Correct, the Bash shebang turns this file into a Bash shell script.

3. The ETL using Shell Scripts video shows a temperature reporting workflow with ten steps. Which step follows the extraction step in the workflow?

1 / 1 point

- ☒ Appends temp reading to log file
- ☐ Calculate temp stats from log file
- ☐ Schedule workflow to run each minute
- ☐ Display dashboard with temp stats

✓ Correct

Correct, the current temp is added to the log file.

4. The transformation stage is where rules and processes are applied to the data for preparation of loading into target system. Which of the following transformations involves search performance?

1 / 1 point

- ☒ Sorting
- ☐ Normalizing
- ☐ Joining
- ☐ Aggregating

✓ Correct

Correct, this includes ordering data to improve search performance.

5. There are many ETL tools available today. The modern enterprise grade ETL tools typically include common features. Which of the following common features of popular ETL tools helps with complex calculations?

1 / 1 point

- ☒ Transformation support
- ☐ Security and compliance
- ☐ Automation
- ☐ Drag-and-drop interface

✓ **Correct**

Correct, this involves assistance with complex calculations.