

**✔ Congratulations! You passed!**Grade received **100%** To pass 80% or higher[Go to next item](#)

1. What is image processing?

1 / 1 point

- ☒ Manipulation of digital images using mathematical operations
- ☐ Modification of physical images using physical methods
- ☐ Manipulation of physical images using digital operations
- ☐ Manipulation of physical images using chemical operations

**✔ Correct**

Image processing is the manipulation of digital images using mathematical operations.

2. Which of the following applications does NOT promise future uses of image processing?

1 / 1 point

- ☒ Cooking recipes
- ☐ D: Augmented reality
- ☐ Self-driving cars
- ☐ Virtual reality

**✔ Correct**

Cooking recipes does NOT promise future uses of image processing

3. What does computer vision involve?

1 / 1 point

- ☐ Creating social media platforms
- ☐ Developing mobile applications
- ☒ Teaching computers to recognize and understand visual content
- ☐ Encoding computer programs

**✔ Correct**

Computer vision involves Teaching computers to recognize and understand visual content.

4. What is the specialized type of object detection used to identify and locate faces in images?

1 / 1 point

- ☐ Product detection
- ☐ Vehicle detection
- ☐ Object detection
- ☒ Face detection

**✔ Correct**

Face detection is used to identify and locate faces in images.

5. In which format is data stored in a human-readable format?

1 / 1 point

- ☒ JSON
- ☐ Pickle
- ☐ Avro
- ☐ YAML

**✔ Correct**

Data is stored in a human-readable format as JSON

6. What is the relation between the number of hours a model is trained and its accuracy?

1 / 1 point

- ☒ Directly proportional
- ☐ No relation
- ☐ Inversely proportional

☒ Directly proportional

☐ Exponentially proportional



**Correct**

The number of hours a model is trained is directly proportional to its accuracy