To pass this quiz you must enter the correct number of cars in the video.

1. How many cars did your tracking algorithm count? This is the number of rows in the `analysisResults` table.

2 / 2 points

14

Correct
There are 15 moving cars and 1 parked car in the video. If your results are a little different you may have double counted or missed a car, but that's okay!

2. What might the problem be in the following scenario: You notice that many detections are not assigned to tracks despite the detector showing high accuracy.

1 / 1 point

- ○ The confirmation threshold is too high, resulting in unassigned detections.
- ◉ The cost of non-assignment is too low, so tracks are not assigned to the detections.
- ○ The visibility threshold is too low so tracks are being deleted too soon.

Correct
Yes. If the cost on non-assignment is too small, tracks and detections that should be assigned will go unassigned.

3. Which statement below about object tracking is not true?

1 / 1 point

- ◉ Tracking requires that all tracked objects are detected every frame.
- ○ Tracking can track can follow an object when it is behind an obstruction
- ○ Several important parameters must be set by the user to implement tracking.
- ○ Tracking uses predictions of an object's motion to assign detections to existing tracks

Correct
This is false. Tracking can handle missing detections and false detections. A strength of tracking is that an object can be lost from view and still tracked.