

[Course](#) > [Week...](#) > [2.1 A...](#) > 2.1 A...

## 2.1 Assignment

### Statistical Thinking for Data Science

Read the articles on statistical thinking and answer the multiple choice questions below.

1. <http://www.gallup.com/poll/185483/americans-optimistic-job-market-september.aspx>
2. <http://www.nhlbi.nih.gov/news/press-releases/2015/landmark-nih-study-shows-intensive-blood-pressure-management-may-save-lives>

### Multiple Choice

0.0/1.0 point (graded)

What is the population of interest for the Gallup survey we discussed in this segment?

- ☐ All Americans
- ☒ All American adults (18 and older)
- ☐ All job-seeking Americans
- ☐ All job-seeking American adults (18 and older)

Submit

You have used 1 of 1 attempt

---

## Multiple Choice

1.0/1.0 point (graded)

What was the variable of interest for the Gallup survey we discussed in this segment?

- ☐ Current unemployment rate in US
- ☐ Current US economy
- ☐ Current status of the job market
- ☒ Current Americans' perception on the job market ✓

Submit

You have used 1 of 1 attempt

---

## Multiple Choice

1.0/1.0 point (graded)

What one of the following is among the health outcomes of interest in the SPRINT study?

- ☐ Reduced rate of cardiovascular diseases in general population
- ☐ Reduced rate of cardiovascular diseases among young adults
- ☒ Reduced rate of cardiovascular diseases among adults 50 years and older ✓
- ☐ None of the above

Submit

You have used 1 of 1 attempt

## Multiple Choice

1.0/1.0 point (graded)

When we call an observed effect statistical significant, we mean that:

- ☒ The effect is unlikely to occur purely by chance ✓
- ☐ The effect is estimated using an important statistical method
- ☐ The effect is observed on a sample of important individuals
- ☐ The effect is estimated by a famous established statistician

Submit

You have used 1 of 1 attempt