**Sample estimates**

**Question 1: Download the dataset with 10000 taxi trips below: sample10000.csv Using the data dictionary, check how many passengers in the sample paid for their ride with cash.**

3543

**Question 2: Build a 99% confidence interval for the proportion of cash payers. What is its' lower boundary?**

.3419

**Question 3: Use the same sample to estimate the average trip distance in miles. Provide the answer with at least two digits after decimal.**

2.882

**Question 4: What is the standard deviation of the estimator from the previous question? Provide the answer with at least three digits after decimal.**

0.0358

**Question 5: Calculate 95% confidence interval for the mean trip distance. What is the upper boundary? Provide the answer with at least two digits after decimal.**

2.951