

DAT-102 @ CCAC final session checklist

Course name: DAT-102 @ North Campus		Term: SPRING 2020	
Your name:		Declared degree/certificate:	
Number of terms into program:	Number of terms remaining:	Total possible attendance days:	Total days you attended:
Attendance Notes:			

Checklist Items

Initial each item *ONLY* when done in the "initials" column

#	Initials	Task description
1		Complete your final project; We want fully baked
2		<p>Upload the following to the appropriate MS OneDrive technologyrediscovery.net >>DAT-102 Project upload shared drive >> dat102_SP20_finalProjects >> {make a dir named your firstName_projectTopic}</p> <ul style="list-style-type: none"> • ALL Your completed project data and display stuff • Any previous class exercises documents • Permalinks to any journal articles you used
3		<p>To facilitate sharing, capture a few screen shots highlighting your final project's digital documentation, such as spreadsheets, box-and-whisker plots, images, etc. In Microsoft's Windows OS, versions 7+ include a program called "Snipping Tool" for this purpose.</p> <p>Create a sub-directory in your project directory in the cloud drive called "img" and upload the images there</p>
4		<p>Review the project you've completed for this course and shared in our cloud drive. Place an X if fully-baked or, if not fully-baked, a percentage complete, next to each project:</p> <p>___ SP20A) Strip survey and analysis ___ SP20B) Library survey and analysis ___ SP20C) Opportunity Atlas exploration guide ___ SP20D) Final project</p>
5		<p>Only include your secret DAT-102 Control code on your grade card. Carefully arrive at a fair letter grade for your effort in the class. Write it on a 3x5 card like thing (such as a 3x5 inch area of a sheet of paper) along with a justification for WHY it is a fair grade: include in-class participation, out-of-class work, attendance, and learning community contribution</p>
5.1		<p>Only include your secret DAT-102 Control code on your grade card (Not your name). Take a photograph of your grade card and save it with a filename identical to the control code, such as 012191.jpg</p>
5.2		<p>Compose (BUT DO NOT YET SEND) an email to Eric via edarsow@ccac.edu Attach or embed an image of your grade proposal card along with the words "DAT-102 final grade proposal" in the subject line</p>
5	you:	Share your project with a peer in a semi-mock-interview style

		Format: <i>Be formal in your explanation of the project; use technical language; sell yourself</i>
6	you:	Review a peer's project as they share it: Ask a few questions: <i>What did you learn doing it? Proudest parts? Improvements they would like to make?</i>
7		Still reviewing a peer's project: Complete the "back side" of this checklist: Compute 80%, 95%, and 99% confidence intervals around a point estimate of your peer's population parameter estimate.
8		A) Attach this document as a PDF or ODT version to the email you began composing in step 5.1. Send this email. C) Read the last step of this checklist.
9		Wait for a confirmation of receipt of email from Eric via email and/or private chat before signing off for DAT-102

"Back Side": Computing confidence intervals

Choose a peer's project that involved sampling from a population and using that sample to compute a point estimate of the population parameter.

Use chapter 3 of our Lock, Lock, Lock, Lock, and Lock statistics textbook to help you with the following exercises:

Part A) Table

Name of peer:		
Name of peer's project:		
Unit of analysis:		
Population being sampled:		
Sample size (n):		
Standard Error (either by stat-key estimation or the estimation equation which you can look up)		
80% Confidence interval		
Lower Bound:	Point Estimate:	Upper Bound:

95% Confidence interval		
Lower Bound:	Point Estimate:	Upper Bound:

99% Confidence interval		
Lower Bound:	Point Estimate:	Upper Bound:

Part B: Application

Application to project: In 4-5 sentences, Describe what these three confidence intervals tells us about the population of interest. What is different about the sizes of these intervals? How can these confidence intervals

help us make decisions or interpretations relating to the topic of this project? (Hint: Use language related to the unit of analysis sampled)