*For each scenario below, describe how you would transform the data and the dplyr function(s) you could use to achieve that. Write 250 words (maximum) in response to these questions.*

*Answer the three short-answer questions by giving the answer in the space provided. You are not expected to use any specific formatting for the essay answer questions. Once you have answered the questions here, click the****Submit Quiz****button. The live session will be used to discuss the answers to these questions.*

*Flag question: Question 1*

*Question 10 pts*

*You are working with the Salaries dataset from the car data package, which includes salary information for a group of professors. You want to see how Salaries differ by sex.*

*Flag question: Question 2*

*Question 20 pts*

*You are working with a parking dataset from the City of Seattle that contains street parking data for the entire city over multiple years, but you want to focus your analysis on only two neighborhoods in the past year.*

*Flag question: Question 3*

*Question 30 pts*

*You are working with employee satisfaction survey data. It currently has a column for each question answered, but you would like to have a calculated summary score rather than looking at each question.*