|  |  |
| --- | --- |
| **Created by** | Jana Schaich Borg |
| **Date created** | Jan 4, 2019 3:24 PM |
| **Open** | Jan 7, 2019 8:00 AM |
| **Due** | Jan 18, 2019 5:00 PM |
| **Accept Until** | Jan 20, 2019 5:00 PM |
| **Modified by instructor** | **Jan 8, 2019 9:48 PM** |
| **Group Submission** | Yes |
| **For** | Group E, Team A, Team H, Team C, Team B, Team G, Group D, Team F |
| **Student Submissions** | Single Uploaded File only |
| **Number of resubmissions allowed** | 2 |
| **Accept Resubmission Until** | Jan 20, 2019 5:00 PM |
| **Grade** | Points (max 5.00) |
| **Add due date to calendar** | Yes |
| **Alert:** | No |
| **Honor pledge:** | No |

**Assignment Instructions**

In the next two group exercises, we will use the Dognition data set to practice using visualization to answer analysis questions.  Please watch the “Meet Your Dognition Data” video to review the business problem Dognition would like to solve.  Download the “dognition\_data\_aggregated\_by\_dogid” data set for this assignment, and the “Dognition Data Set Description” document for a description of the fields that you may see.  These exercises will direct you through some of the analyses outlined in the Dognition analysis plan (provided in "Resources"; the format for this analysis plan will be explained later in the course) that you can run on the data set using Tableau.

Please submit one document per team with your team’s answers to each question in this assignment through Sakai.  Make sure all of the team members are listed on the top of your submission.

If you encounter problems while working through these exercises that you and your team can not solve on your own, you can:

* Review the Tableau videos from this week
* Use resources that you find online about how to make specific types of graphs in Tableau
* Ask questions in the Tableau Questions Discussion board in Piazza
* Ask the TAs for help

The answers to these exercises will serve as the basis for Quiz 1.  Although you should submit your answers to these exercises as a team, **you must take the quiz on your own without any help from anybody else.**

Grading:

This assignment will be graded on a 5 point scale.  A score of 3 points represents a submission that meets all expectations and followed all directions.  Scores above 3 points indicate your submission exceeded expectations, by (for example) providing an exceptionally thorough analysis or including additional clever analyses.  Scores below 3 points represent submissions that have incomplete analyses, or that are incomplete or inaccurate in some other way.  The most common score is 3 points.

**Additional resources for assignment**

* File attachment [Tableau Team Exercise 1.docx](https://sakai.duke.edu/access/content/attachment/b7714a6b-d8db-4dc1-b403-0d03d30e1809/Assignments/97924b67-5292-4615-85b7-f3619742c716/Tableau%20Team%20Exercise%201.docx) ( 38 KB; Jan 4, 2019 4:12 pm )
* File attachment [dognition\_data\_aggregated\_by\_dogid.xlsx](https://sakai.duke.edu/access/content/attachment/b7714a6b-d8db-4dc1-b403-0d03d30e1809/Assignments/920491c5-7408-4f4a-aea8-512fd362793e/dognition_data_aggregated_by_dogid-1.xlsx) ( 4 MB; Jan 4, 2019 3:24 pm )
* File attachment [Dognition Data Set Description.docx](https://sakai.duke.edu/access/content/attachment/b7714a6b-d8db-4dc1-b403-0d03d30e1809/Assignments/545ede12-d968-4ee6-a946-d4f550af67bb/Dognition%20Data%20Set%20Description-1.docx) ( 107 KB; Jan 4, 2019 3:24 pm )