



Review

Use the [project rubric](#) to review your project. If you are happy with your submission, then you're ready to submit your project. If you see room for improvement, keep working to improve your project.

Submission Template

Use the [submission template](#) to submit your project. After filling it out, save it as a PDF and submit the PDF in the next section. You may also include your Alteryx workflow if you'd like. If your submission does not meet specifications, having the workflow may help the review identify mistakes.

Data

p2-2010-pawdacity-monthly-sales.csv - This file contains all of the monthly sales for all Pawdacity stores for 2010.

p2-partially-parsed-wy-web-scrape.csv - This is a partially parsed data file that can be used for population numbers.

p2-wy-453910-naics-data.csv - NAICS data on the sales of all competitor stores where total sales is equal to 12 months of sales

p2-wy-demographic-data.csv - This file contains demographic data for each city and county in Wyoming.

Project Checklist

This is here to make sure you know the concepts necessary to complete the project and that you know where to go find answers if you need help. If you do not feel confident in the topics addressed please review the course material or reach out on the forums, slack, or on a one on one!

- ☐ You end up with 11 rows of data
- ☐ Checked workflow for accidentally dropping values during cleaning
- ☐ Checked joins for not matching cities due to small differences
- ☐ Checked the rubric:
 - <https://review.udacity.com/#!/rubrics/382/view>
 - I have gone to the Forums, Slack, or set up a One on One before
- ☐



Supporting Materials

If you are not getting 11 Cities, add browse tools to check your cleaning process. There might be an issue in your join where you are not matching all the cities because the city names do not exactly match.

If your numbers are not the same as the following:

- Census Population: 213,862
- Total Pawdacity Sales: 3,773,304
- Households with Under 18: 34,064
- Land Area: 33,071
- Population Density: 63
- Total Families: 62,653

Add browse tools to check your cleaning process. There might be an area where you are dropping parts of a value. Look at the original values and what they become by the end of the cleaning. Be careful of commas!

- Forums: <https://discussions.udacity.com/c/nd008-bizand-analytical-dataset/band-project-2>
- Slack: <https://udacity-pand.slack.com>
- One on One: <https://calendly.com/pand-1-1>

Relevant Forum Posts:

<https://discussions.udacity.com/c/nd008-bizand-analytical-dataset/band-project-2>

If you run into errors in Alteryx or unexpected results from a tool we have a guide to help you figure out what is going on.

Alteryx Debugging Guide:

<https://docs.google.com/document/d/1ec7SiDCMAZAMjbPvL3aegPoL1PZznHarsxEZ4bjptdI/edit?usp=sharing>

To Download Files below please right click on the link and select "Save Link As"

Supporting Materials

[Pawdacity Monthly Sales](#)
[Competitor Sales](#)
[Demographic Data](#)