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## Wrangle OpenStreetMap Data

[Student Notes](#)[Code Review](#)[Project Review](#)[Project History](#)

### Meets Specifications

#### Code Functionality

##### SPECIFICATION

Final project code functionality reflects the description in the project document.

MEETS SPECIFICATION

##### Reviewer Comments

Hello again! I was your previous reviewer, Miadad. I am really glad I get to review your project again and see it grow. I hope my feedback has helped. Let's take a look!

#### Code Readability

##### SPECIFICATION

Final project code follows an intuitive, easy-to-follow logical structure.

MEETS SPECIFICATION

##### SPECIFICATION

Final project code that is not intuitively readable is well-documented with comments.

MEETS SPECIFICATION

#### Problems encountered in your map

## SPECIFICATION

Student response shows understanding of the process of auditing, and ways to correct or standardize the data, including dealing with problems specific to the location, e.g. related to language or traditional ways of formatting.

## MEETS SPECIFICATION

**Reviewer Comments**

An outstanding work demonstrating a variety of auditing and cleaning procedures. I'm glad you went beyond the demonstrations of Lesson 6 and found additional cleaning issues other than street related issues. I especially appreciate the level of thoroughness in documenting the methods.

## SPECIFICATION

Some of the problems encountered during data audit are cleaned programmatically.

## MEETS SPECIFICATION

**Reviewer Comments**

You have done a great job of demonstrating programmatic cleaning procedures. This is one of the most important advantages computers can give us.

## Overview of the data



## SPECIFICATION

The dataset is at least 50 MB.

## MEETS SPECIFICATION

## SPECIFICATION

Student response provides a statistical overview of a dataset, like:

- size of the file
- number of unique users
- number of nodes and ways
- number of chosen type of nodes, like cafes, shops etc

## MEETS SPECIFICATION

## SPECIFICATION

Student response also includes the MongoDB queries used to obtain the statistics.

## MEETS SPECIFICATION

## Other ideas about the datasets



## SPECIFICATION

Student proposes one or more additional ways of improving and analyzing the data.

## MEETS SPECIFICATION

## SPECIFICATION

Student gives thoughtful discussion about the benefits as well as some anticipated problems in implementing the improvement.

## MEETS SPECIFICATION

**Reviewer Comments**

Great talk about the difficulty in gathering considering that the formatting is different dependent on countries. Well done.

## Thoroughness and Succinctness of Submission



## SPECIFICATION

Student submission is long enough to thoroughly answer the questions asked without giving unnecessary detail. A good general guideline is that your question responses should take about 3-6 pages.

## MEETS SPECIFICATION

**Reviewer Comments**

I must say, terrific work on the formatting and presentation of this project. The information is concisely provided and presented in an aesthetically pleasing manner without overwhelming the reader with large blocks of code and unnecessary detail. From the reviewers and I, we are very grateful for this. Well done.

**Additional Reviewer Comments****Next, Using Data Visualization for Analytics**

Congratulations on completing the course. Next we will be going into the world of R Statistical Language - a very powerful deep analytical and visualization tool that is gaining popularity in the Data Science Field in an exponential rate. It is one of my favorite languages and I hope you enjoy it as well. Good luck!

 [Download project](#)



Have a question about your review? Email us at [review-support@udacity.com](mailto:review-support@udacity.com) and include the link to this review.