



Bookmarks

▶ Start Here

▶ 1. The Big Picture

▶ 2. Data And Features

▼ 3. Exploring Data

Lecture: Visualizations

Lecture: Basic Plots

Quiz

Lecture: Higher
Dimensionality

Quiz



Lab: Visualizations

Lab



Dive Deeper

▶ 4. Transforming Data

▶ 5. Data Modeling

3. Exploring Data > Lab: Visualizations > Assignment 4

Assignment 4

Bookmark this page

Lab Assignment 4

For this assignment, you will continue using the wheat seeds data set. Start by opening up the starter code located in Module3/**assignment4.py**, and write code that...

1. Loads up the seeds dataset, located at Module3/Datasets/**wheat.data** into a dataframe
2. Drop the **id**, **area**, and **perimeter** features from your dataset
3. Plot a parallel coordinates chart, grouped by the **wheat_type** feature. Be sure to set the optional display parameter **alpha** to 0.4

Once you're done, answer the following questions about your work:

Lab Questions

2 points possible (graded)

Which class of wheat do the two outliers you found previously belong to?

Which feature has the largest spread of values across all three types of wheat?

▶ 6. Data Modeling II

▶ 7. Evaluating Data

▶ Course Wrap-up

Submit

You have used 0 of 2 attempts

© All Rights Reserved



© 2016 edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

POWERED BY
OPENedX®

