

SEARCH	Q
RESOURCES	
CONCEPTS	

Course Structure

As this course covers a broad range of ways that data visualizations can be use process, there will also be a large number of topics that will be touched upon. I topics that will be covered in the remaining lessons in this course.

Lesson 2: Design of Visualizations

Before getting into the actual creation of visualizations later in the course, this principles that will be useful both in exploratory and explanatory analysis. You data types and ways of encoding data. You will also learn about properties of v impact both the clarity of messaging as well as their accuracy.

Lessons 3-5: Exploration of Data






These lessons systematically present core visualizations in exploratory data an with univariate visualizations to identify trends in distribution and outliers in si visualizations follow, to show relationships between variables in the data. Final visualization techniques are presented to identify complex relationships betwe variables at the same time.


Lesson 6: Explanatory Visualizations


This lesson describes considerations that should be made when moving from e to explanatory analysis. When polishing visualizations to present to others, you what findings you want to focus on and how to use visualization techniques to story. This lesson also provides tips for presentation of results and how to itera presentations.

Lesson 7: Visualization Case Study

In this lesson, you will bring together everything from the previous lessons in a You will be presented with a dataset and perform an exploratory analysis. You from that analysis and polish them up for presentation as explanatory visualiz:

-  1. Introduction to Data Visualization
-  2. Motivation for Data Visualization
-  3. Further Motivation
-  4. Exploratory vs. Explanatory Analys...
-  5. Quiz: Exploratory vs. Explanatory
-  6. Visualization in Python
-  7. Course Structure
-  8. Lesson Summary

 Mentor Help
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