


FREE COURSE

Introduction to Python for Data Science (Final Lab)

[Replay Course](#) 0 hours 0 Videos 26 Exercises 4,211 Participants 2,600 XP**The DataCamp Team**

Instructor at DataCamp

COLLABORATOR(S)

**Nick Carchedi**

DATASETS

 [Recent graduates data](#)

Course Description

This is the final lab in the edX [Introduction to Python for Data Science](#) course. Here you'll practice what you've already learned and get ready to take the next step in your data science journey!

1 Importing and Summarizing Data

100%

Get ready to practice your Python skills!

- | | |
|--|----------|
|  Read and explore your data | ✓ 100 xp |
|  Exploring Your Data | ✓ 100 xp |
|  Replacing Missing Values | ✓ 100 xp |
|  Select a Column | ✓ 100 xp |
|  Column Maximum Value | ✓ 100 xp |

</> Selecting a Row	✓ 100 xp
</> Converting a DataFrame to Numpy Array	✓ 100 xp
</> Correlation Coefficient	✓ 100 xp
HIDE CHAPTER DETAILS ^	
✓ Completed	

2 Manipulating Data	
100% <div></div>	
Now you'll get your hands dirty with your dataset.	
</> Creating Columns I	✓ 100 xp
</> Select Row with Highest Value	✓ 100 xp
</> Creating columns II	✓ 100 xp
</> Updating columns	✓ 100 xp
</> Filtering rows	✓ 100 xp
</> Grouping with Counts	✓ 100 xp
</> Grouping with Counts, Part 2	✓ 100 xp
</> Grouping One Column with Means	✓ 100 xp
</> Grouping Two Columns with Means	✓ 100 xp
HIDE CHAPTER DETAILS ^	
✓ Completed	

3 Visualizing Data	
100% <div></div>	
Have fun with plotting!	
</> Plotting Scatterplots	✓ 100 xp
</> Modifying Plot Colors	✓ 100 xp
</> Plotting Histograms	✓ 100 xp
</> Plotting with pandas	✓ 100 xp
</> Plotting One Bar Graphs	✓ 100 xp

 Plotting Two Bar Graphs	✓ 100 xp
 Dropping Missing Values	✓ 100 xp
 Plotting Quantiles of Salary, Part 1	✓ 100 xp
 Plotting Quantiles of Salary, Part 2	✓ 100 xp

HIDE CHAPTER DETAILS ^

✓ Completed

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DataCamp offers interactive R and Python courses on topics in data science, statistics, and machine learning. Learn from a team of expert teachers in the comfort of your browser with video lessons and fun coding challenges.

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