

# Predicting hotel booking cancellations in Python

 June 15, 11 AM ET

 Open to all Workspace users



Filip Schouwenaars

Data Science Instructor and  
Product Manager at DataCamp

# Speaker



Filip Schouwenaars

Data Science Instructor and  
Product Manager at DataCamp

- Currently leading development of DataCamp Workspace
- Developed several of DataCamp's interactive courses
- Degrees in Electrical Engineering and Artificial Intelligence

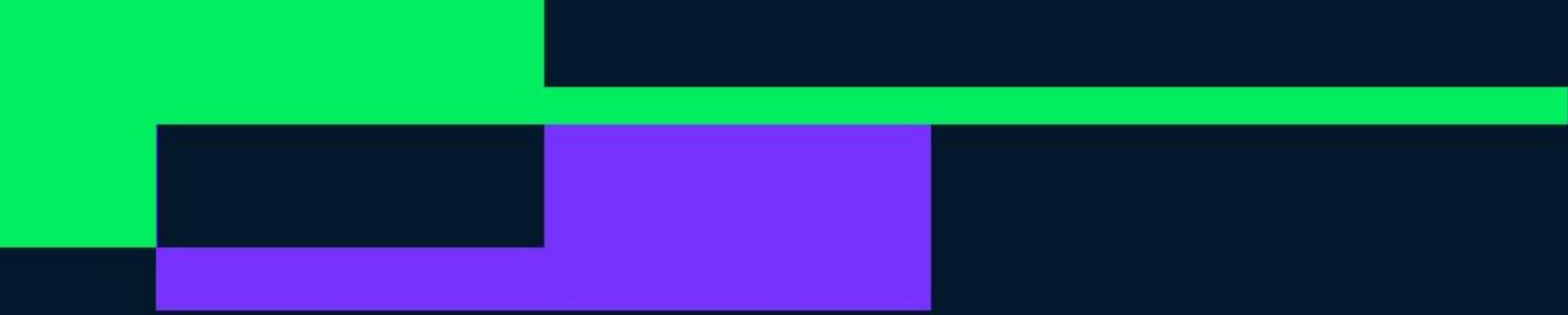


# Agenda



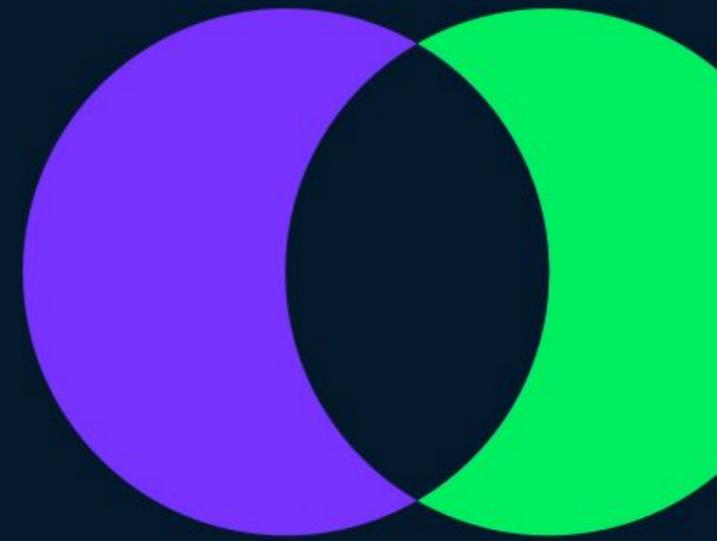
- 1 What is Workspace and how can you use it? (5 min)
- 2 Build machine learning model in Workspace (40 min)
- 3 Questions (5 min)





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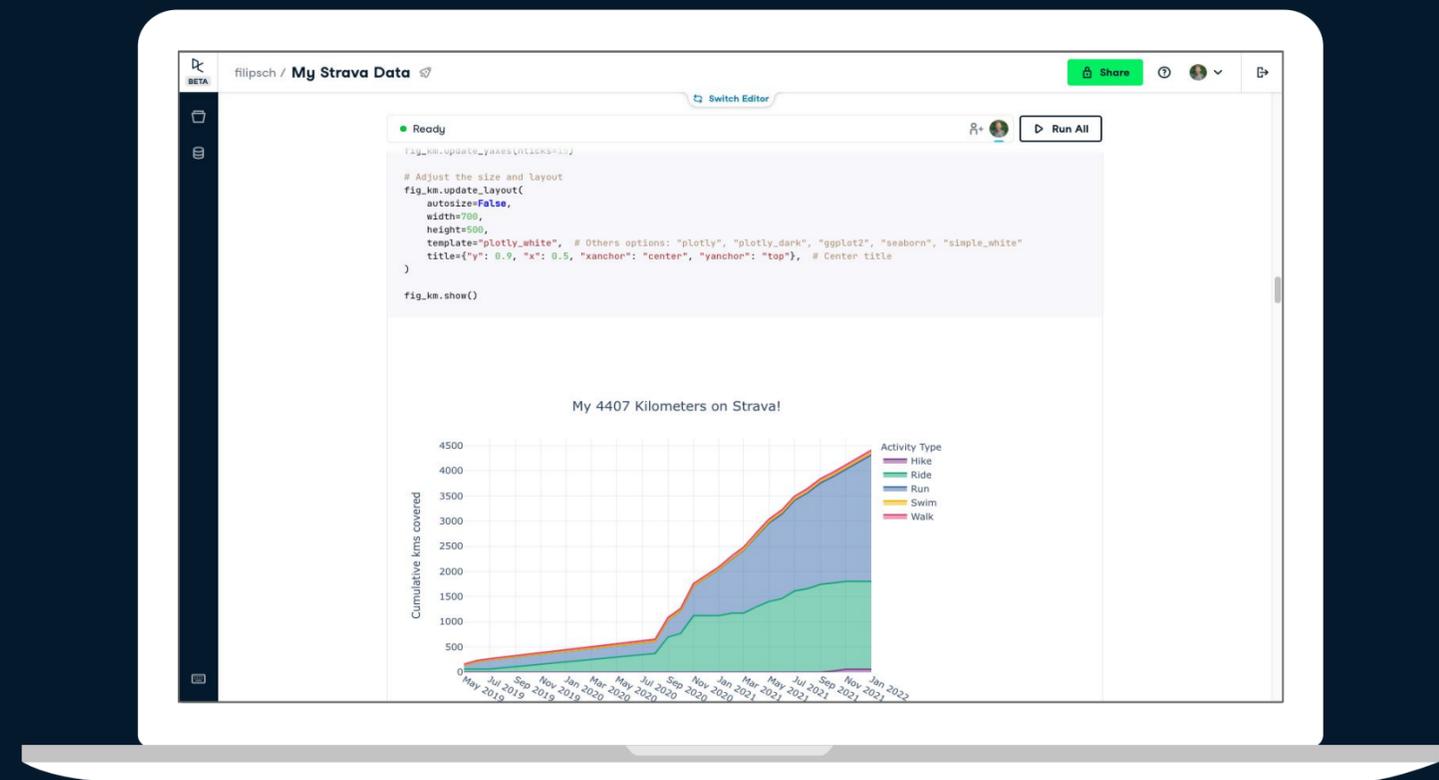
# About Workspace



# DataCamp Workspace

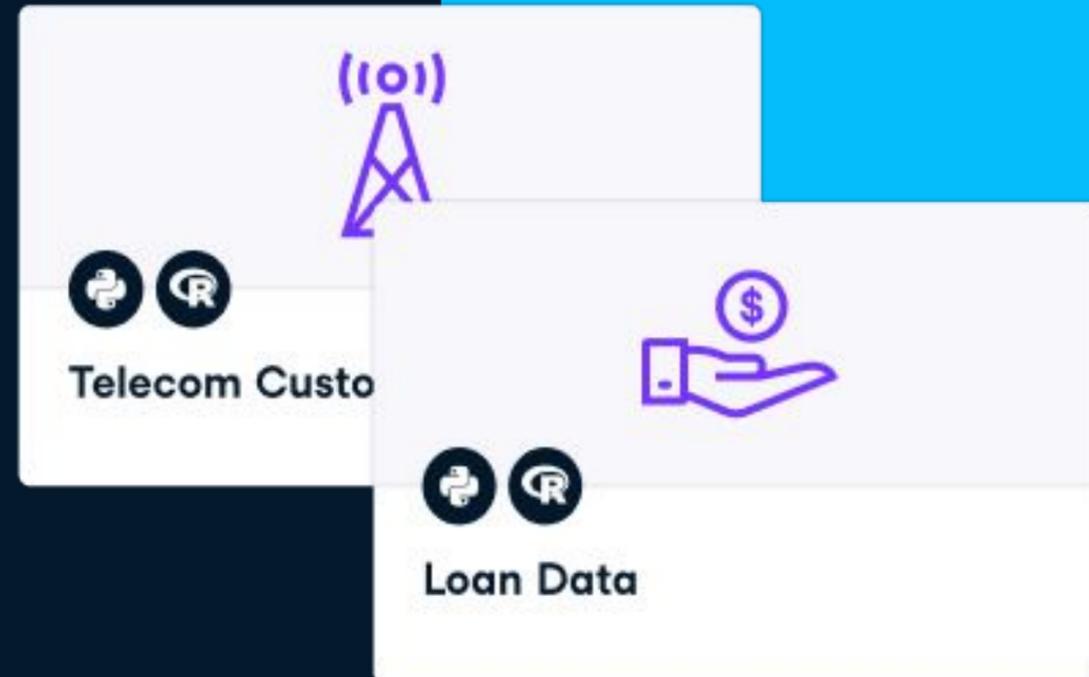
Workspace is a collaborative cloud-based notebook that allows you to analyze data, collaborate with others and share insights.

Browser-based so no installation required!



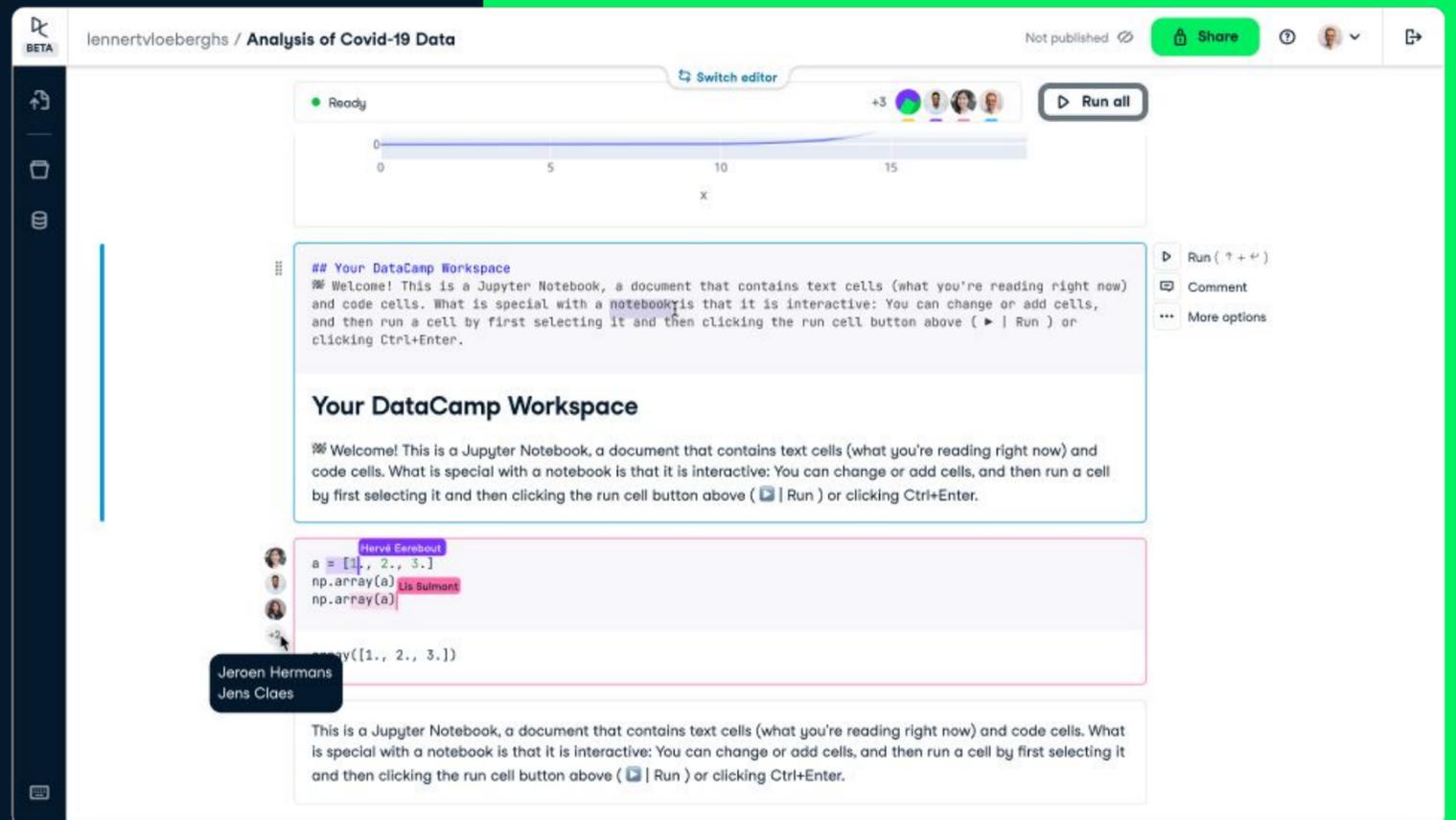
# Ready-to-use datasets

Ready to put your skills into practice but don't have a dataset to work on? Choose from our curated library of datasets to analyze in Workspace.



# Get moving faster with collaboration

Easy to edit, comment, and share like you would in Google Docs. With our one-click publishing tool, any of your projects can be shared while staying in control of who gets to see them.



The screenshot displays a Jupyter Notebook interface for a project titled "lennertvloeberghs / Analysis of Covid-19 Data". The interface includes a top navigation bar with a "Share" button and a "Run all" button. The main workspace contains a plot of a curve, followed by a text cell with a welcome message, and a code cell with Python code. Collaborative annotations are visible, including a comment from "Hervé Eerebout" and a code change by "Lis Sulmant". A sidebar on the left shows a list of users: "Jeroen Hermans" and "Jens Claes".

lennertvloeberghs / Analysis of Covid-19 Data

Not published

Share

Ready

Switch editor

+3

Run all

0 5 10 15

x

## Your DataCamp Workspace

Welcome! This is a Jupyter Notebook, a document that contains text cells (what you're reading right now) and code cells. What is special with a notebook is that it is interactive: You can change or add cells, and then run a cell by first selecting it and then clicking the run cell button above (▶ | Run) or clicking Ctrl+Enter.

Run (⌘+↵)

Comment

More options

Hervé Eerebout

a = [1., 2., 3.]

np.array(a)

Lis Sulmant

np.array(a)

Jeroen Hermans

Jens Claes

array([1., 2., 3.])

This is a Jupyter Notebook, a document that contains text cells (what you're reading right now) and code cells. What is special with a notebook is that it is interactive: You can change or add cells, and then run a cell by first selecting it and then clicking the run cell button above (▶ | Run) or clicking Ctrl+Enter.



# Create a data science portfolio

There is no better way to display your data skills to the world as with actual examples. Use your public DataCamp profile as an up to date portfolio of your best workspace reports and analysis.

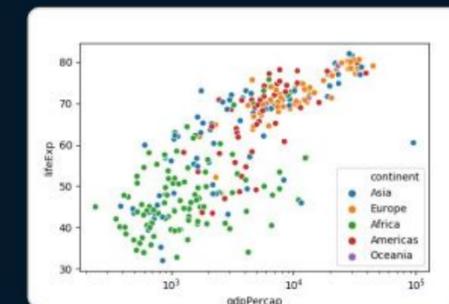


**Cameron  
Williamson**

@cameronwilliamson

Full-stack software developer  
and Python expert

## Workspace Publications (12)



**Data Exploration with  
Python**

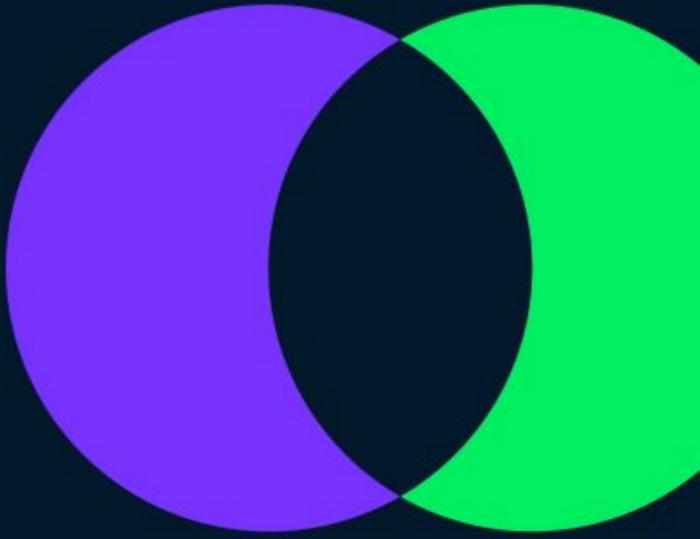
May 20, 2021



**Olympics Data  
Exploration**

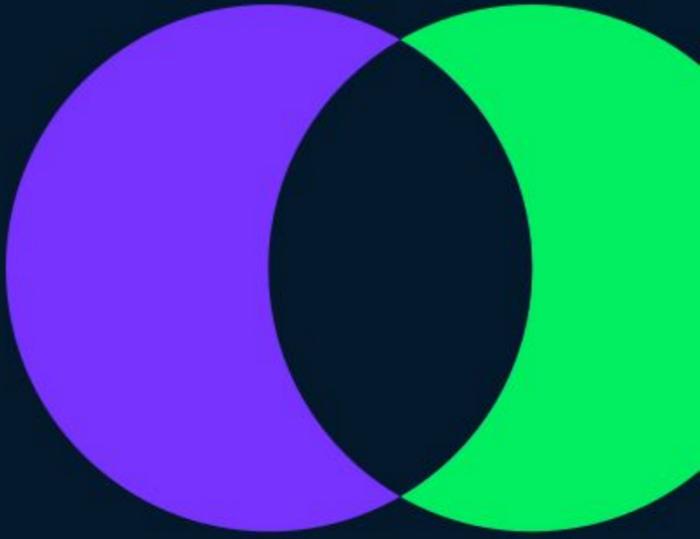
May 05, 2021





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# Code-Along



# Code-Along Steps

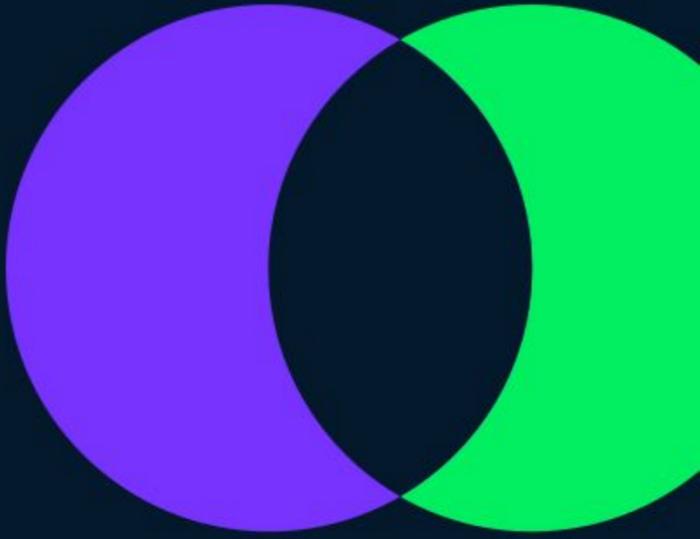
- A** Create a DataCamp account if you haven't already
- B** Open this link: [bit.ly/workspace-hotel](https://bit.ly/workspace-hotel)
- C** Code along!



# Completed workspace

See this workspace: [bit.ly/hotel-booking-sol](https://bit.ly/hotel-booking-sol)





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# Questions

