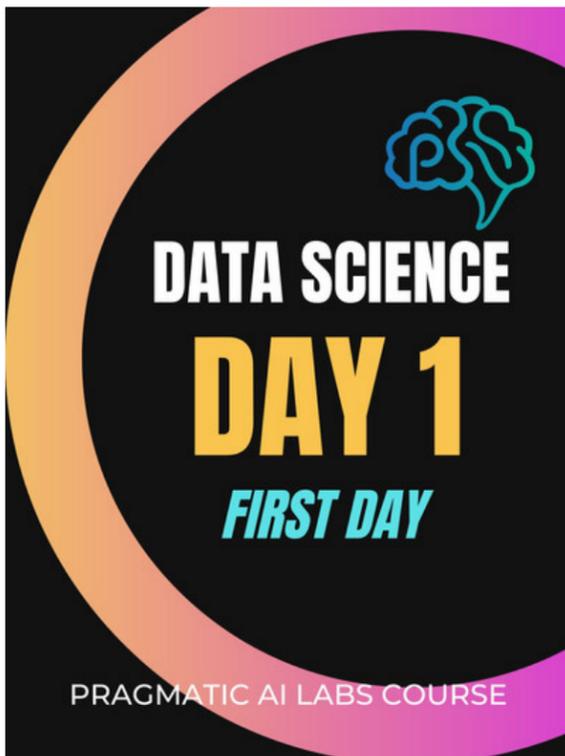


Data Science On Your First Day with Python

★★★★★ [3 reviews](#)

By [Alfredo Deza](#), [Noah Gift](#)



TIME TO COMPLETE:
46m

TOPICS:
[Python](#)

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[Start](#)

Data Science On Your First Day with Python

Be productive day one

This video course will show you how to start your first day as a data scientist. In this video course, you will learn how to start your first day as a data scientist.

Topics covered include: * creating a Github repository * using Colab notebook, * describing data using df.describe(), * plotting data with seaborn, lmlot, and distplot * comparing cumulative deaths in Covid19 plot by state * merging Pandas dataframe with election and Sugar Consumption * exporting CSV file and uploading to Github from Colab result * continuous integration of Jupyter Notebook with Github Actions * creating makefile, using Github Actions to test Jupyter via nbval plugin * using Github Status Badge for Jupyter Notebook test run pass/fail status

Key Moments: * 02:02 Data Science Project Structure Overview * 05:15 Create Github Repo * 07:28 Launch Github Codespaces * 11:34 Using Colab Notebook * 12:47 Using TOC in Colab Notebook * 14:43 Saving notebook to Colab to Github * 19:52 Ingesting CSV files into Colab * 22:31 Describing Data using df.describe() * 24:30 Plotting data with seaborn * 28:30 lmlot * 29:30 Comparing cumulative deaths in Covid19 plot by state * 32:40 Merging Pandas Dataframe with election and Sugar Consumption * 37:38 Exporting CSV file and uploading to Github from Colab result * 39:27 Continuous Integration of Jupyter Notebook with Github Actions * 40:44 Create Makefile * 44:32 Using Github Actions to test Jupyter via nbval plugin * 45:43 Using Github Status Badge for Jupyter Notebook test run pass

Learning Objectives

- Create a Github Repo and launch it in a Codespaces instance
- Create a Jupyter Notebook and save it to a Colab instance
- Ingest Data from a CSV file into a Jupyter Notebook
- Do EDA
- Build and test your data science project with Github Actions and nbval
- Data Science Notebook

Additional Popular Resources

- [Pytest Master Class](#)
- [AWS Solutions Architect Professional Course](#)
- [Github Actions and GitOps in One Hour Video Course](#)
- [Jenkins CI/CD and Github in One Hour Video Course](#)



- [AWS Certified Cloud Practitioner Video Course](#)
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- [MLOPs Foundations: Chapter 2 Walkthrough of Practical MLOps](#)
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- [AWS Storage Solutions 2022: EBS/S3/EFS/Glacier](#)
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- [Minimal Python book](#)
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