Python Primer

Manaranjan Pradhan

Mentoring for a career in Machine Learning

Know Your Instructor

- Has over 20+ years of industry experience
- Consulting & Training on Big Data, Machine Learning, Deep Learning & MLOps
- Have trained more than 1000+ persons on Machine Learning
- CISCO, HP, Fidelity, Goldman Sachs, TESCO, Accenture, Software AG etc.
- Visiting faculty for IIM Bangalore and ISB Hyderabad

Manaranjan Pradhan

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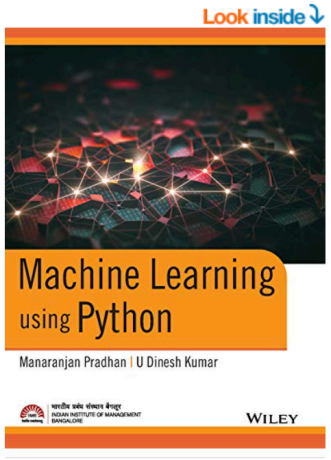

Machine Learning using Python [Print Replica] Kindle Edition

by Manaranjan Pradhan (Author), U Dinesh Kumar (Author) | Format: Kindle Edition

4.5 out of 5 stars 363 ratings

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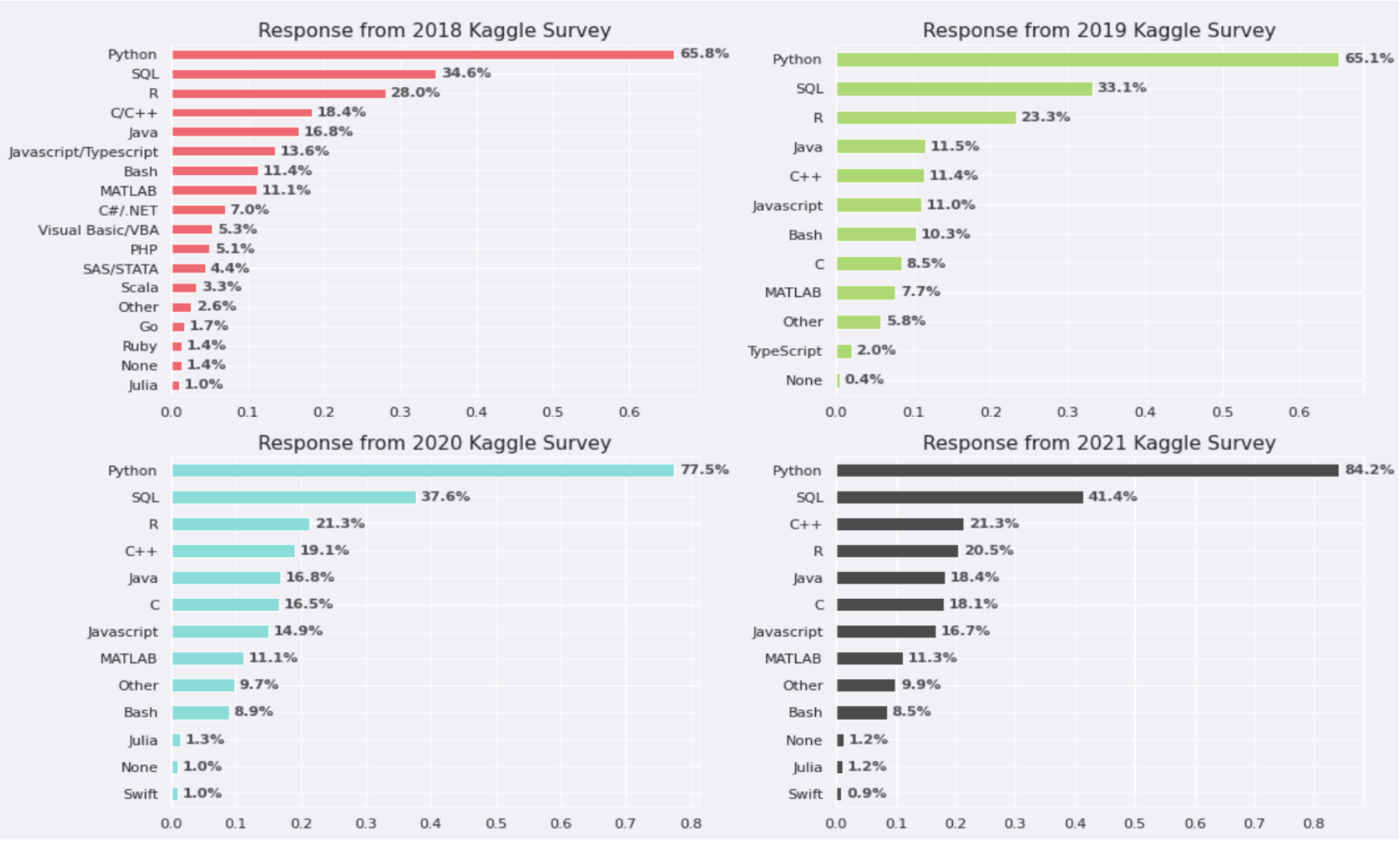
This book is written to provide a strong foundation in Machine Learning using Python libraries by providing real-life case studies and examples. It covers topics such as Foundations of Machine Learning, Introduction to Python, Descriptive Analytics and Predictive Analytics. Advanced Machine Learning concepts such as decision tree learning, random forest, boosting, recommender systems, and text analytics are covered. The book takes a balanced approach between theoretical understanding and

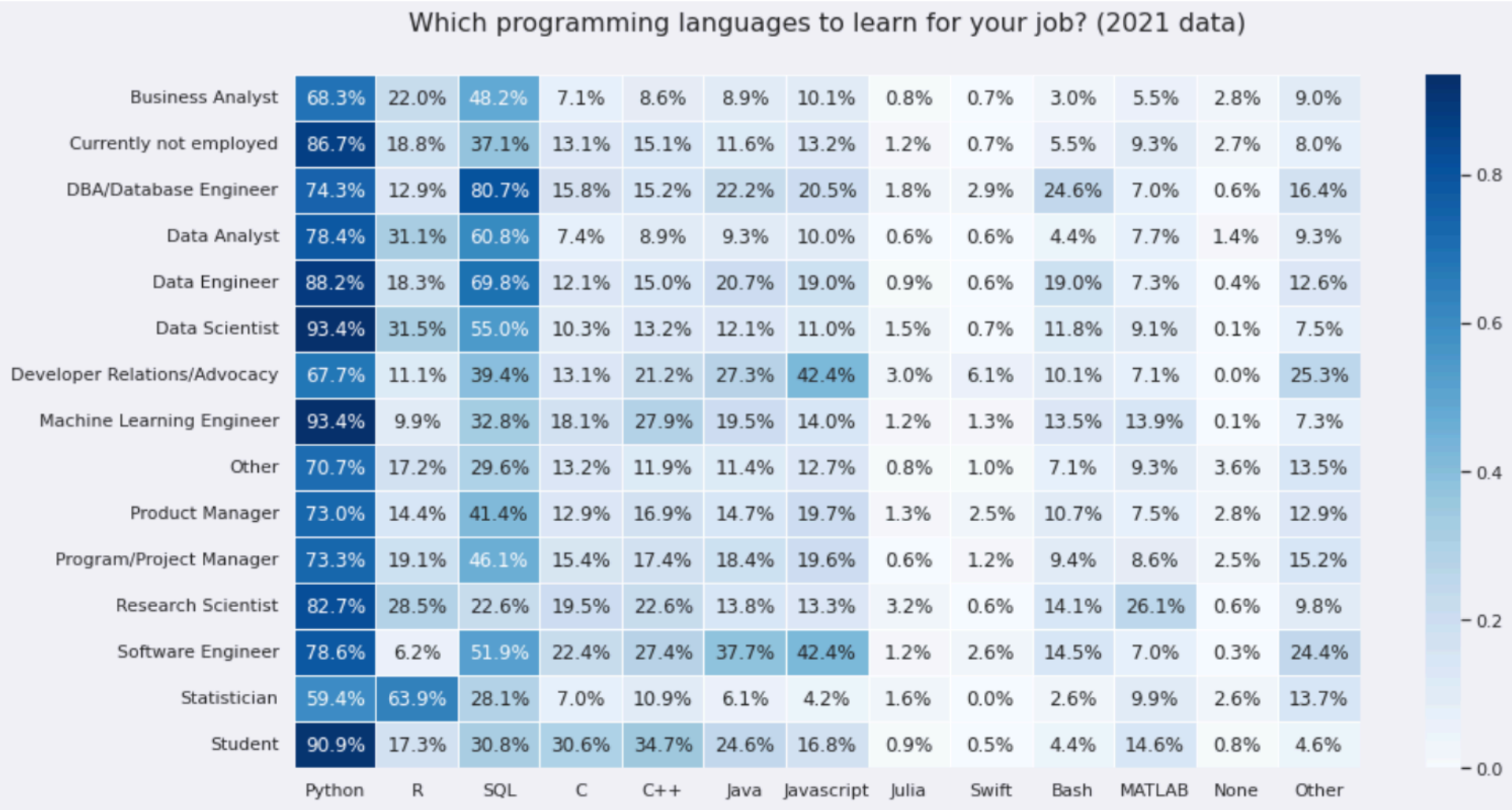
‹ Read more

Programming Language



Source: https://www.kaggle.com/code/lynnxy/a-deep-dive-into-the-kaggle-survey-from-2017-2021

Language used by role



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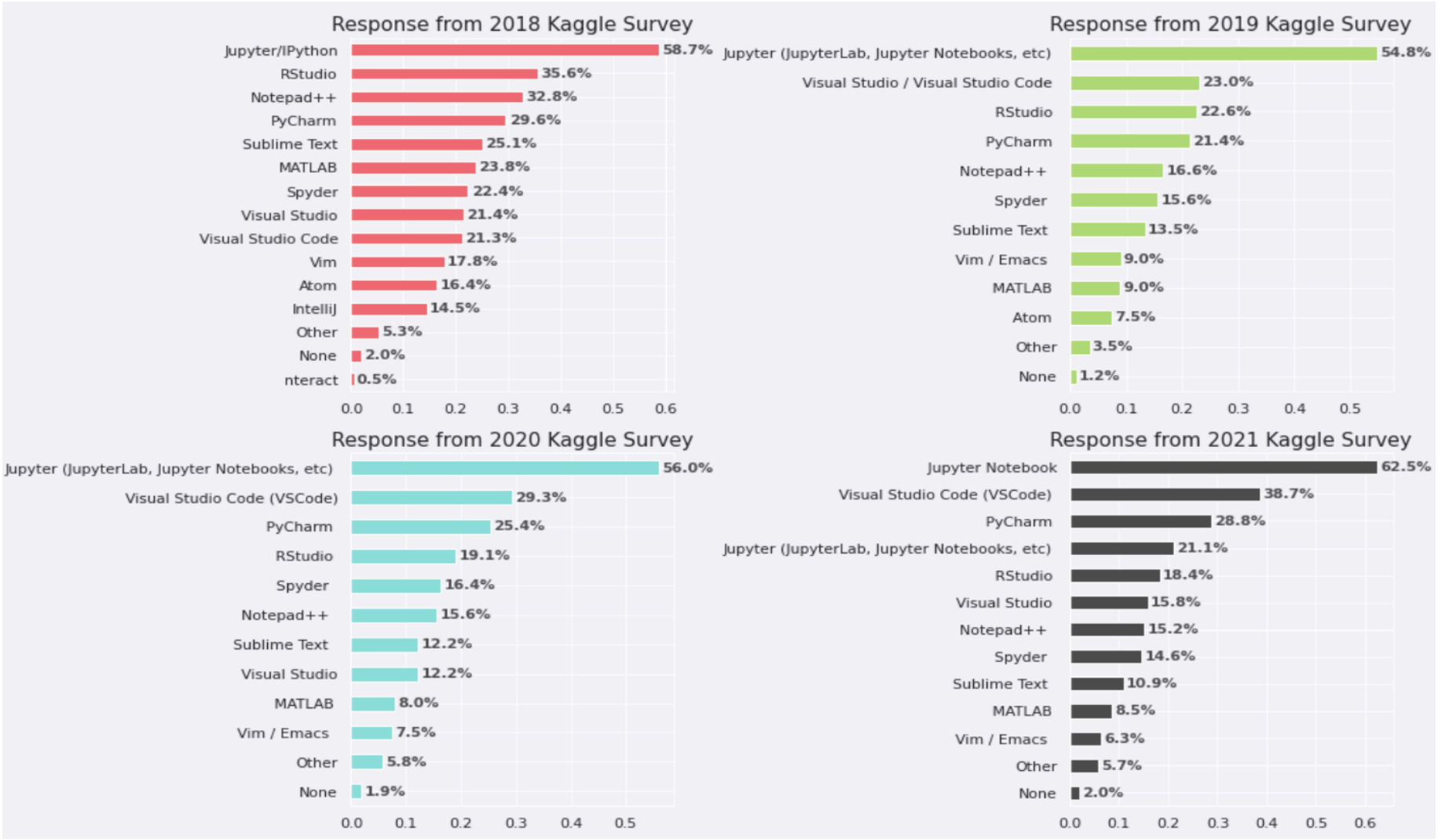
Development Environment



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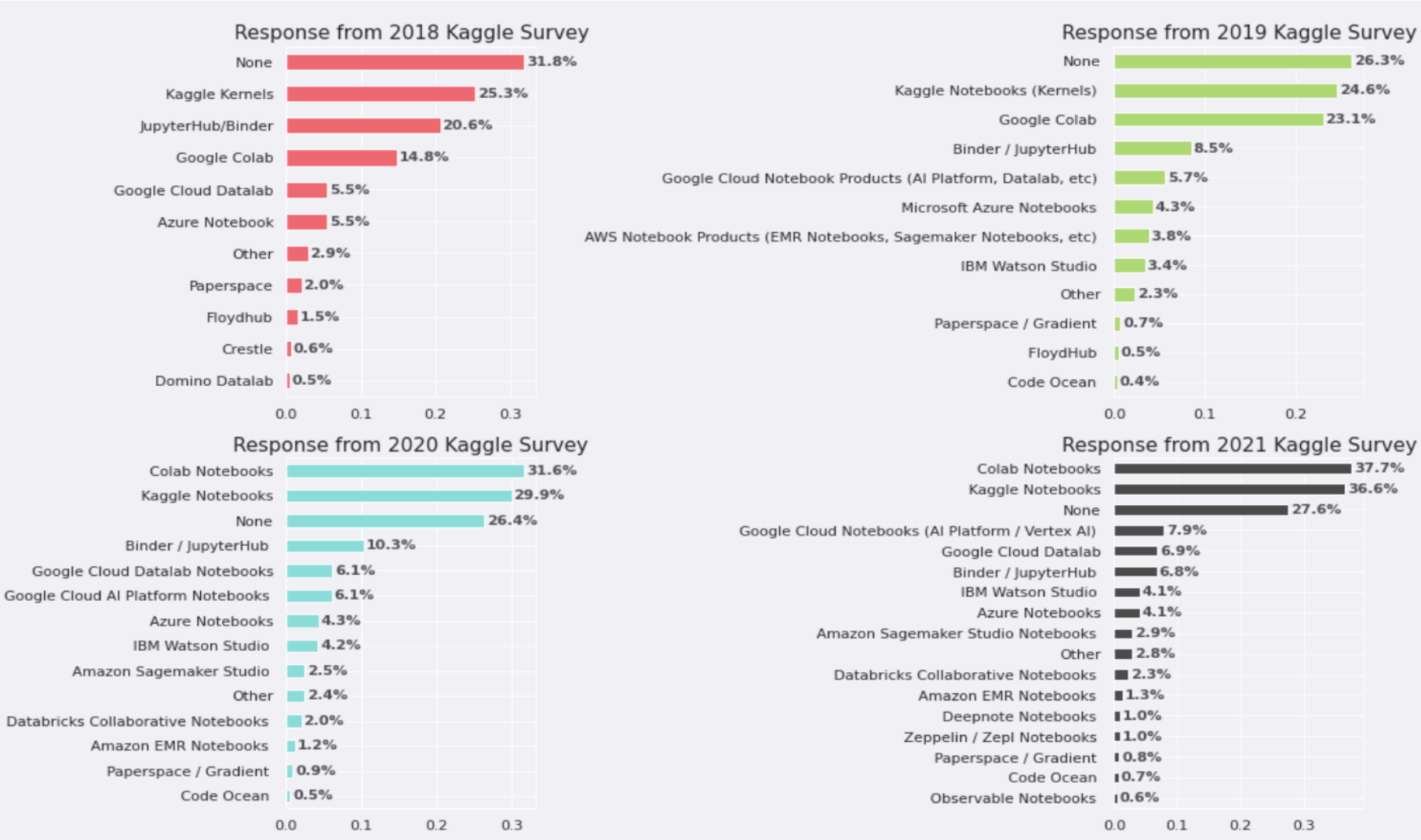
Development Environment



Source: https://www.kaggle.com/code/lynnxy/a-deep-dive-into-the-kaggle-survey-from-2017-2021

For Local Installation

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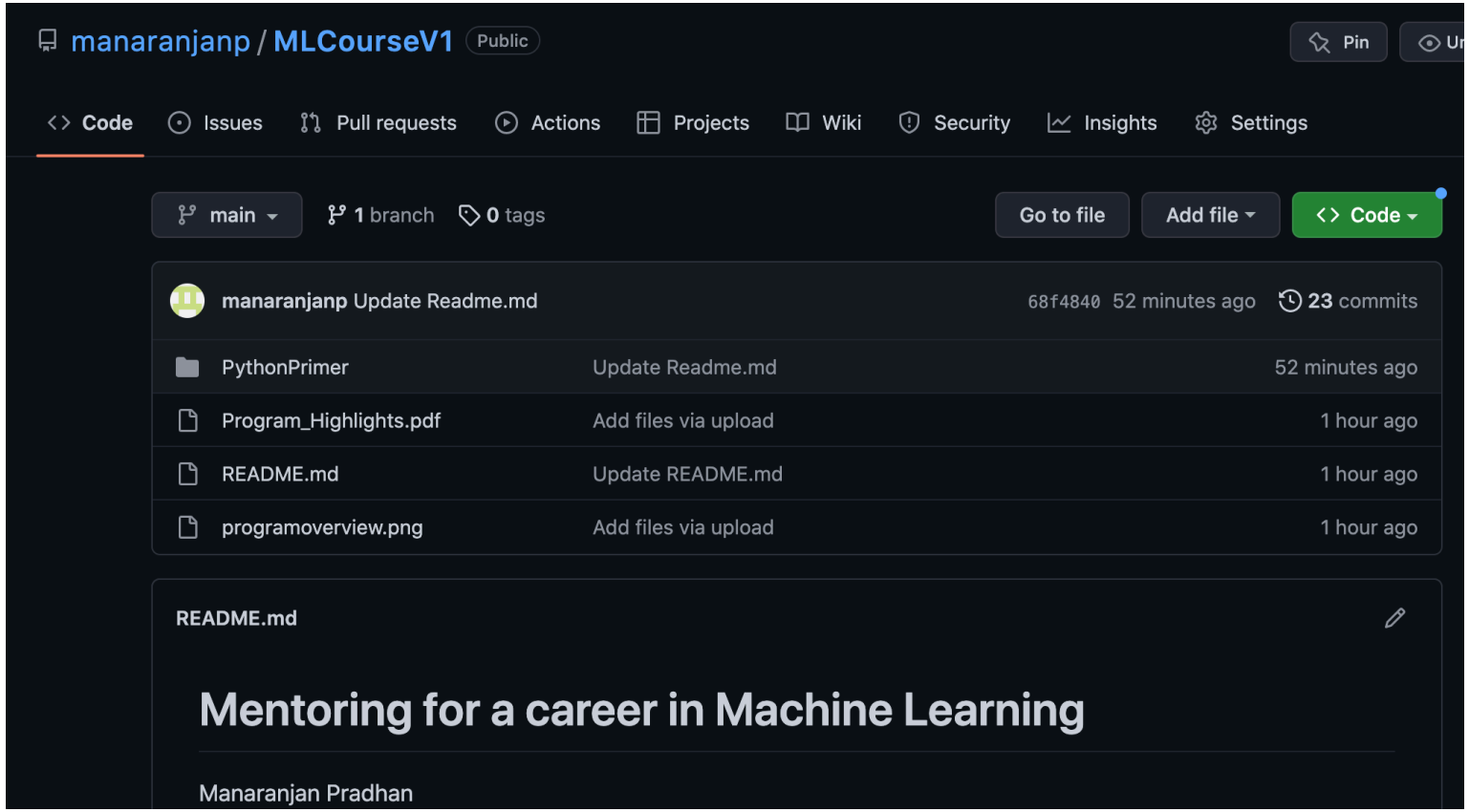
Python Primer for Machine Learning

Language Features	Collections	Functional Programming
••Variables ••Conditional Statements ••Control Flows ••Functions	••List ••Tuple ••Set ••Dictionary	••Lambda ••List Comprehension ••map()

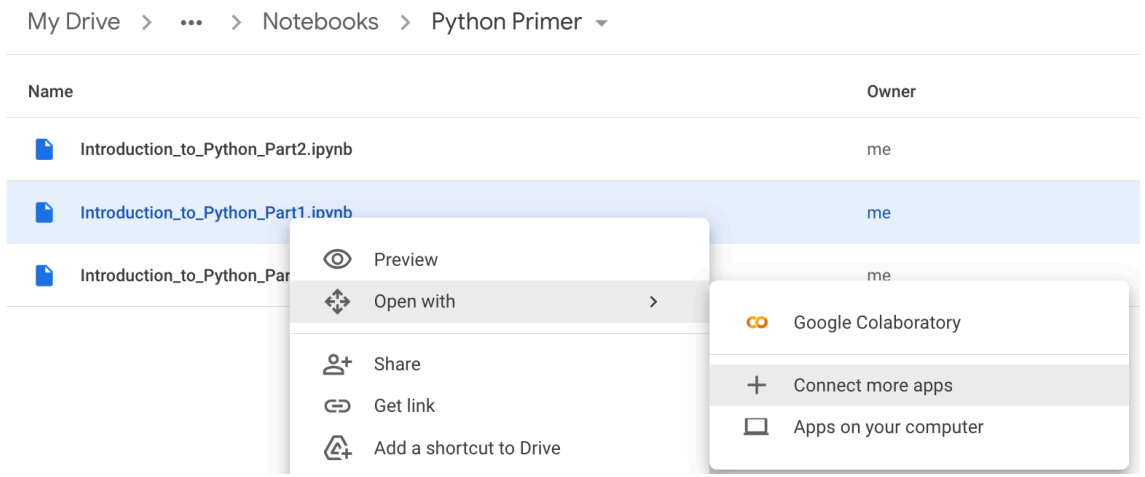
All Notebooks are in Github

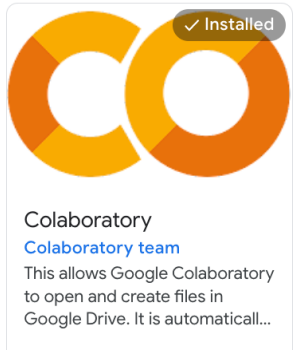
- https://github.com/manaranjanp/MLCourseV1



Notebook on Google Colab: Step 1

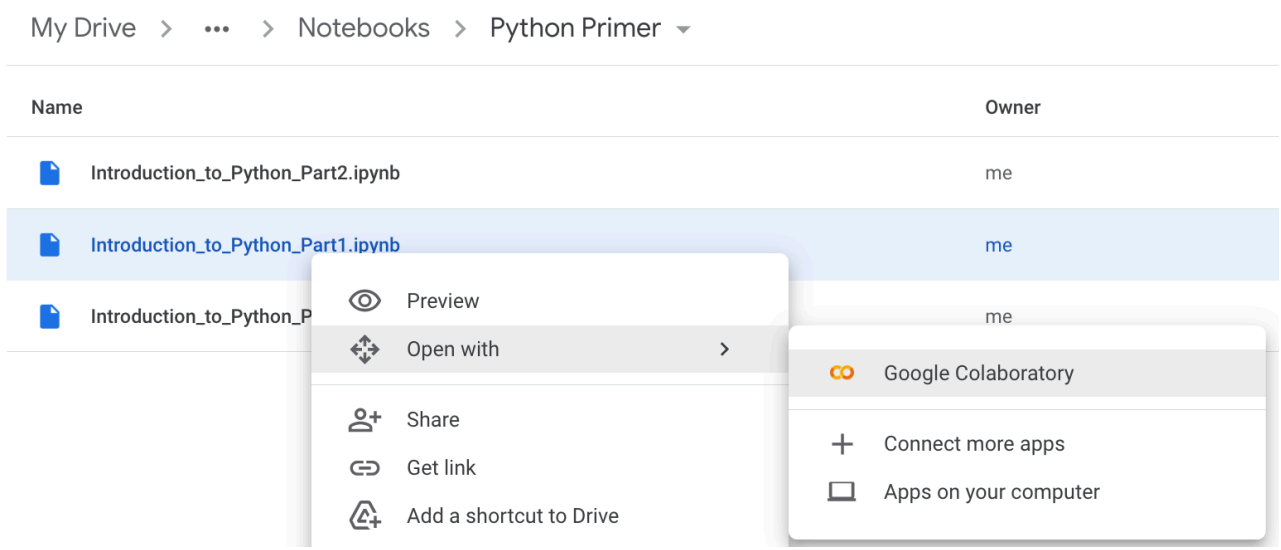
- Upload Notebooks to Google Drive
- Click on the Notebook
  - Select **“+Connect more apps”**
  - Search for Colaboratory
  - Install





Notebook on Google Colab: Step 2

- Upload Notebooks to Google Drive
- Click on the Notebook
  - Select **“Google Colaboratory”**



Notebooks on Local

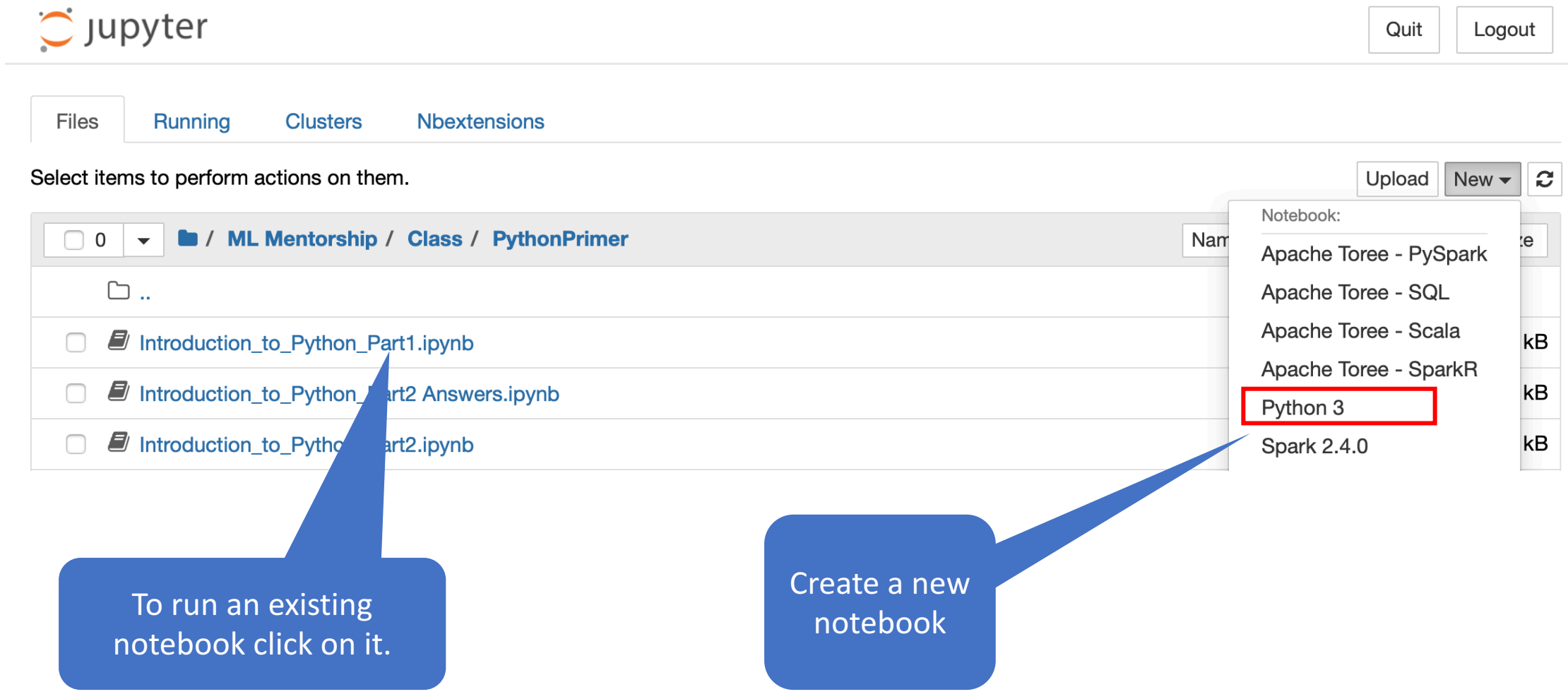
- Start Jupyter notebook
  - Option 1: Enter **“jupyter notebook”** from command prompt
    - Anaconda prompt on Windows

```
(trainingnew) ➜  Work jupyter notebook
[I 17:12:20.428 NotebookApp] [jupyter_nbextensions_configurator] enabled 0.4.1
[I 17:12:20.555 NotebookApp] JupyterLab extension loaded from /opt/anaconda3/envs/trainingnew/lib/python3.8/site-packages/jupyterl
ab
[I 17:12:20.555 NotebookApp] JupyterLab application directory is /opt/anaconda3/envs/trainingnew/share/jupyter/lab
[I 17:12:20.557 NotebookApp] Serving notebooks from local directory: /Users/manaranjan/Documents/Work
[I 17:12:20.557 NotebookApp] The Jupyter Notebook is running at:
[I 17:12:20.557 NotebookApp] http://localhost:8888/?token=205b81da57906b8a4e3be3f624d2422fb5b1af0f3e3e9136
[I 17:12:20.558 NotebookApp]  or http://127.0.0.1:8888/?token=205b81da57906b8a4e3be3f624d2422fb5b1af0f3e3e9136
[I 17:12:20.558 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 17:12:20.563 NotebookApp]

    To access the notebook, open this file in a browser:
        file:///Users/manaranjan/Library/Jupyter/runtime/nbserver-17038-open.html
    Or copy and paste one of these URLs:
        http://localhost:8888/?token=205b81da57906b8a4e3be3f624d2422fb5b1af0f3e3e9136
     or http://127.0.0.1:8888/?token=205b81da57906b8a4e3be3f624d2422fb5b1af0f3e3e9136
```

  - Option 2: Start Anaconda Navigator -> Click on Jupyter Notebook

Notebooks on Local



Join Discord

- Join Discord Group
  - https://discord.gg/A3DTnhZeq5
  - There is an app for Discord
  - All future communications will be only on Discord Group
  - Ask your queries on Discord
  - Engage in discussions