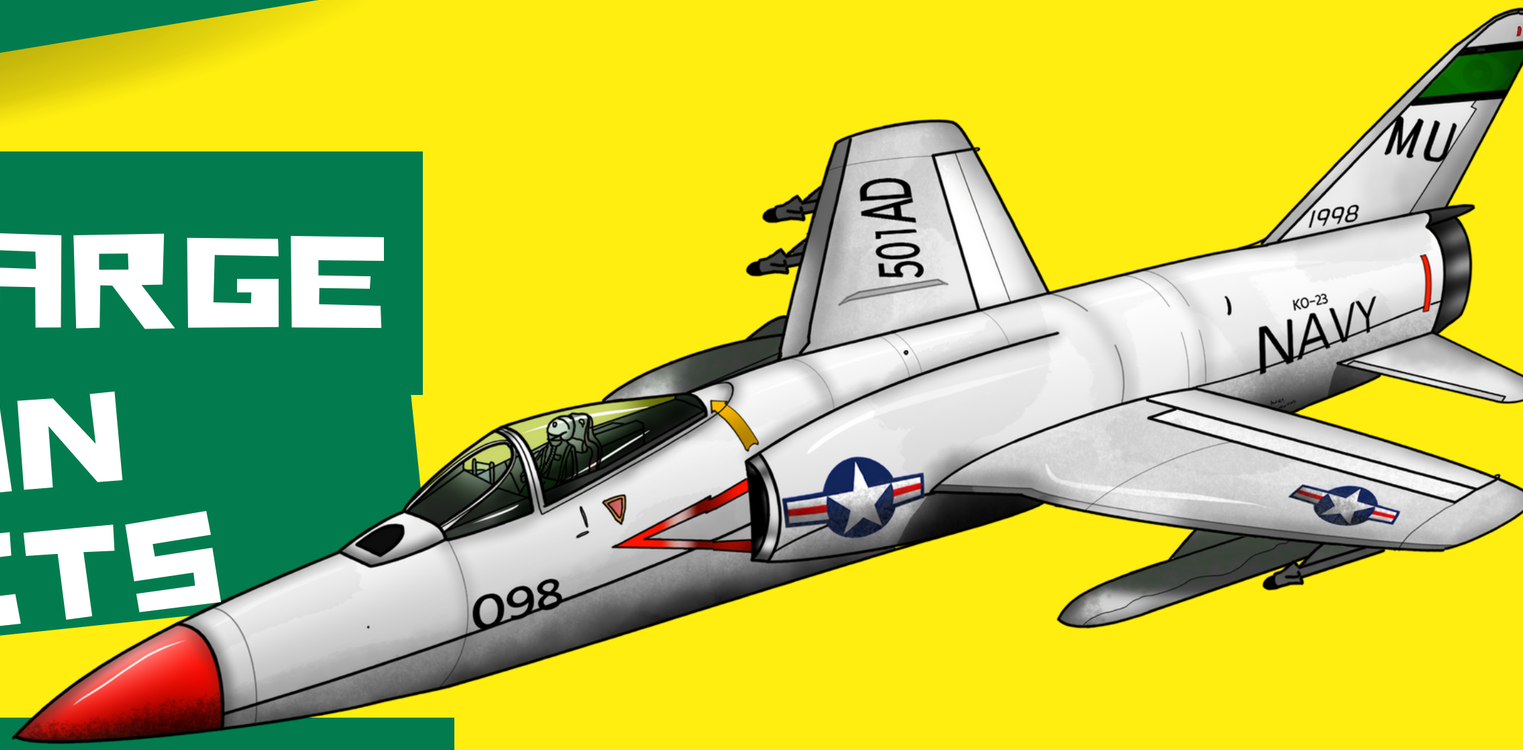
How to Turbocharge Python Projects

Must-Have Libraries for Python Mastery



LIBRARIES BY USE

Python Libraries are available for almost all types of digital and cloud services and products. Libraries are created for solving a problem.

GENERAL PURPOSE

Python Libraries that provide basic environment setup, enable secure execution and create common work space

COMPUTE SERVICE

Python Libraries that process the data or information given to them and provides some form of Analysis, Results, Charts and Models

DATA API SERVICE

Python Libraries that act as conduit for accessing the data in a remote location. These libraries can be wrappers around webapis or can have direct data access

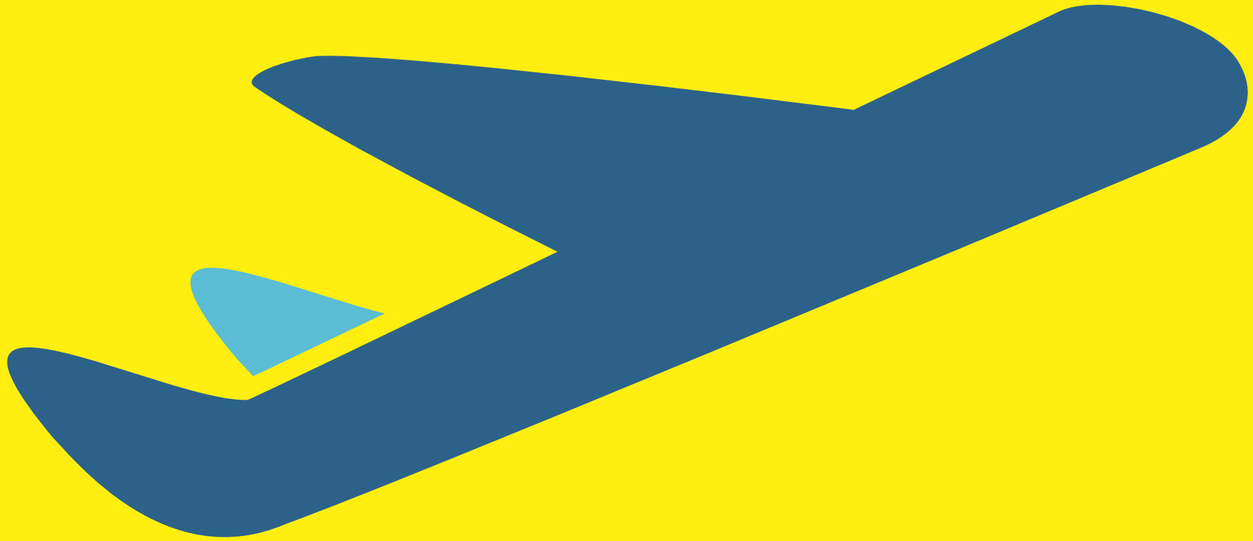
INSIGHT BUILDER

540K

Packages

7720+

Keywords



254K

Projects

362K

Hightest stars

www.libraries.io

Problem : How to find the Python Library that is helpful for most activities

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CURATED LIBRARIES

GENERAL PURPOSE

1. JUPYTER
2. REQUESTS
3. WARNINGS
4. OS
5. CONFIGPARSER
6. GLOB
7. JSON
8. OPENPYXL

COMPUTE

PANDAS
STREAMLIT
PSYCOPG2
SQLALCHEMY
DBT
PYSPARK
FASTAPI
AWSWRANGLER

DATA API

PYTUBE
NSEPYTHON
KAGGLE
WBANK API
PYGITHUB
STACKAPI
YFINANCE
**

https://github.com/insightbuilder

PROBLEM: HOW TO START LEARNING

SOLUTION

Know only the basics of using the library first. After you have started to use, then you can learn the details

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GENERAL PURPOSE LIBRARIES

Problem: Mastering the libraries and use them at daily work or activities

Solution:

- Introduction of the Library
- 4 unique examples that show the commands
- Examples code shared in github
- Additional resources shared

https://github.com/insightbuilder

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COMPUTE LIBRARIES

Problem: These libraries requires multiple steps to achieve a task. Even If one task fails, how to be motivated to learn further?

Solution:

- Introduction of the library
- Walkthrough of library features
- In detail use case walkthrough
- Sharing data + code in github
- Sharing Additional resources

https://github.com/insightbuilder

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DATA LIBRARIES

Problem: Takes a lot of time to get the necessary data and then use it productively. Reading the documentation and trying demotivates

Solution:

- Introduction of the library
- Listing out the top 5 to 10 methods
- Create a visual chart with Data
- Code shared in GitHub

https://github.com/insightbuilder

GOT QUESTIONS

https://github.com/insightbuilder