Python Git Repo

Git repositories with Python programs that are highly useful for understanding Python programming, as well as learning data ingestion and ETL (Extract, Transform, Load) processes:

1. Google's Python Class
   - Free Python class with exercises and examples on core Python programming concepts and file processing.
   - Link: [Google's Python Class](#)
2. Pathway (Python ETL Framework)
   - A Python framework for stream processing, real-time analytics, ETL, and data pipelines compatible with batch and streaming data.
   - Link: [Pathway GitHub](#)
3. Python ETL Framework Examples and Tutorials
   - Practical guides and code examples for building ETL pipelines in Python, including common libraries like pandas, SQLAlchemy, and requests.
   - Relevant article: [Hevo Data ETL using Python](#)
4. GitHub Topics - ETL Pipeline
   - A collection of repositories tagged for ETL pipelines in Python with enterprise-grade data engineering projects.
   - Link: [GitHub ETL Pipeline Topic](#)
5. 10 GitHub Repositories to Master Data Engineering
   - Curated list includes Python projects for data ingestion, processing, and ETL pipelines.
   - Article with repositories: [KDnuggets Data Engineering](#)
6. Popular Python ETL Tools & Libraries
   - Tools like PyAirbyte, Dagster, Kedro, Luigi which have Python APIs for ETL workflows.
   - Article discussing these: [Top Python ETL Tools 2025](#)
7. Basic Python Code Examples for Learning
   - Wide variety of example programs covering core Python data types and structures, useful for foundational programming understanding.
   - Link: [GeeksforGeeks Python Examples](#)

These repositories offer from beginner to advanced exercises, projects, and real-world pipelines:

Repository Name	Description	Link	Stars

30-Days-Of-Python	Step-by-step 30-day challenge covering Python basics to intermediate topics with hands-on exercises.	https://github.com/Asabeneh/30-Days-Of-Python	48.8k
learn-python	Python playground and cheatsheet with scripts covering many Python topics, ideal for interactive study.	https://github.com/trekhleb/learn-python	28.1k
Python-programming-exercises	100+ Python exercises from easy to difficult to improve coding and problem-solving skills.	https://github.com/zhiwehu/Python-programming-exercises	16.8k
Amazing-Python-Scripts	Collection of useful scripts covering automation, web scraping, data processing, etc.	https://github.com/avinashkranjan/Amazing-Python-Scripts	38.3k
pathway	Python ETL framework for stream processing and real-time analytics usable for building data pipelines.	https://github.com/pathwaycom/pathway	2.4k
etl-pipeline (GitHub Topic)	Aggregated repositories focused on ETL pipelines in Python for enterprise-grade use cases.	https://github.com/topics/etl-pipeline	N/A
TheAlgorithms/Python	Huge collection of algorithms and data structure implementations in Python for deeper computer science understanding.	https://github.com/TheAlgorithms/Python	165k
project-based-learning	Curated list of project-based tutorials including Python projects for hands-on learning.	https://github.com/practical-tutorials/project-based-learning	39.3k
Geekcomputers/Python	Various Python scripts demonstrating automation, file handling, and networking for practical learning.	https://github.com/geekcomputers/Python	13.1k

awesome-python	Curated list of top Python frameworks, libraries, software, and resources useful for projects and learning.	https://github.com/vinta/awesome-python	215k

These repositories collectively provide over 30 different Python programs, exercises, projects, and examples valuable for mastering Python programming fundamentals and applying Python to data ingestion, ETL, and pipelines in real-world scenarios.