Airflow DAG
(orchestration)

main.py
(Entry Point)

MinIO
- external cloud emulator storage
- CSV, JSON files

extractor.py
- concurrency, parallel file reader
- reads different file types (variety)
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transformer.py
- data formatting, filtering
- groups and saves data to file

loader.py
- loads grouped data from file
- creates and save chart to file

Local Storage
- data folder
- logs folder
- project folder

System Monitoring
- logging, file log handler

architecture diagram (stears analytics project)