

## Automation

Daily CRON  
Job (6AM)

Wrapper  
Script

## Inputs

OpenAQ API

## Process

Fetch  
(Call with API  
Key)

Validate  
(Check for  
error codes)

Transform and  
Clean

Store  
(RAW and Cleaned  
saved separately as  
.CSV)

## Output

Cleaned Daily Data  
(cleaned\_data\_YYYY\_MM\_DD.csv)

Canonical  
Dataset  
(data\_store.csv)

Daily Log Report  
(data/fetch\_YYYY\_MM\_DD.log)

## Visualization

Interactive Chart  
(Previous three  
weeks of data)

