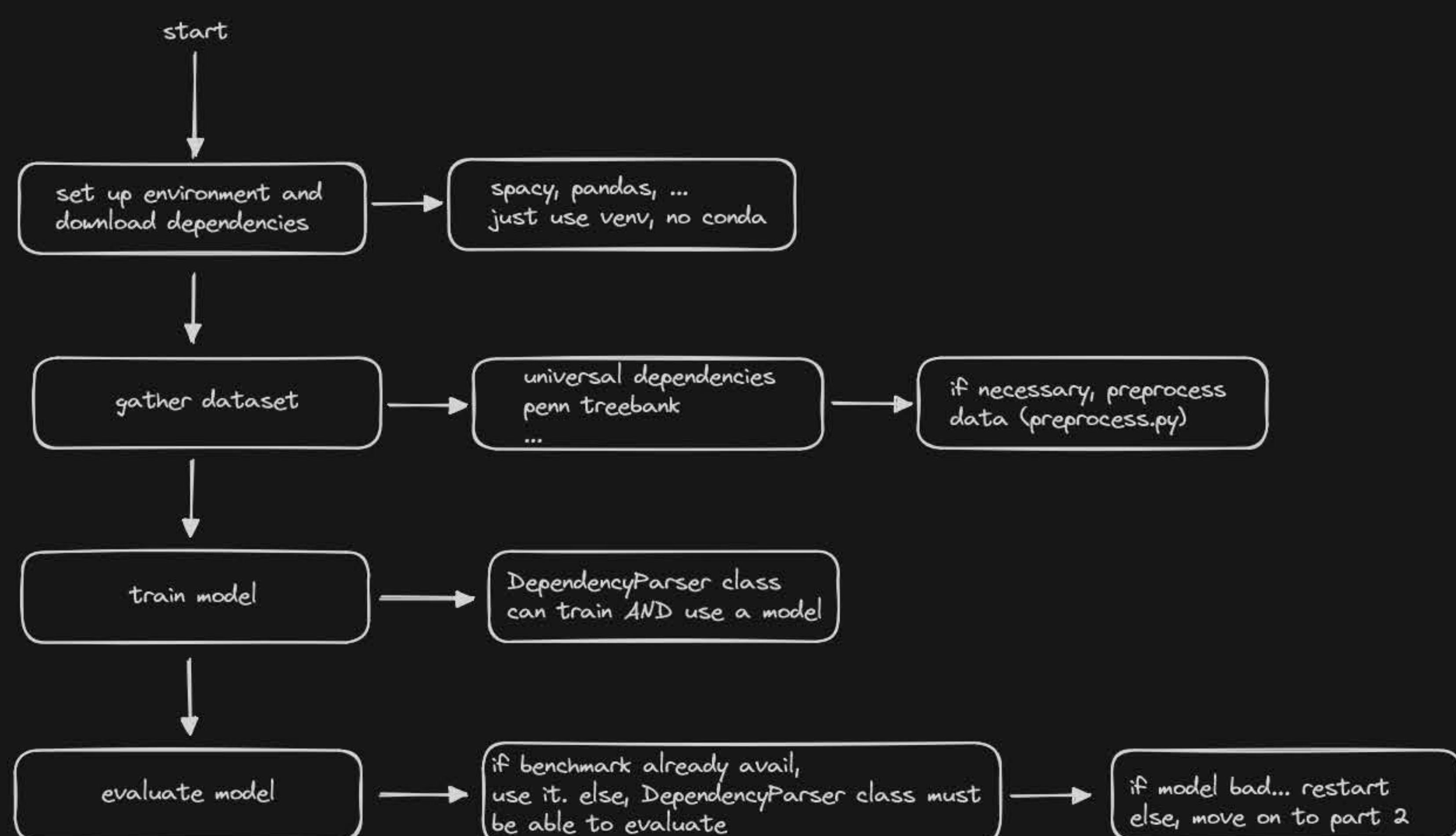
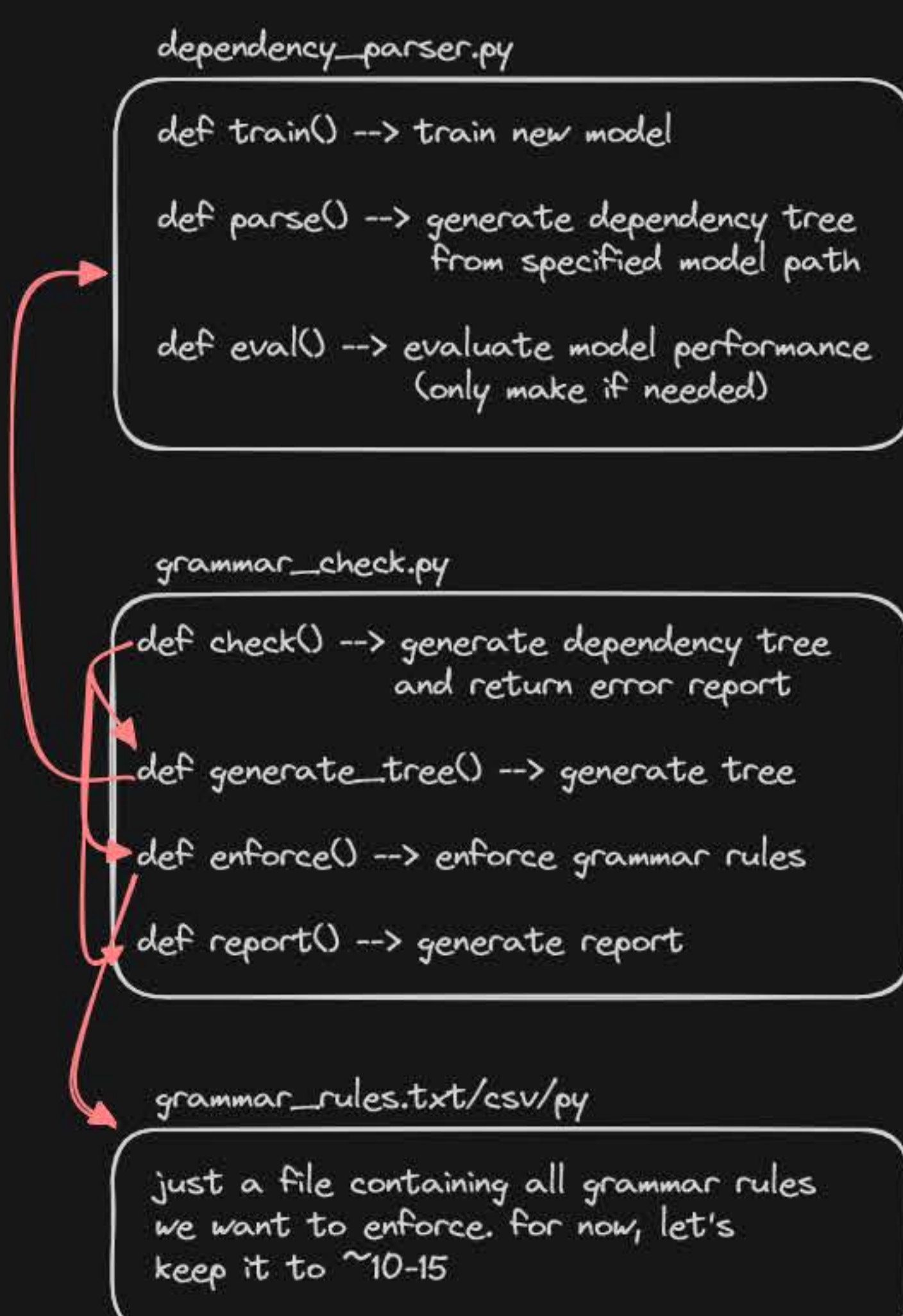


# part 1: gather data and train



(red arrows tell if a module or function relies on another)

# part 2: build grammar checker



# part 3: deploy and setup ETL pipeline

## deployment

assume our grammar check is available via an API request (?)

Firebase Cloud Functions

## client interaction

- user types in input box
- upon submit, return grammar report and send to pipeline
- there is a button to request from database the top grammar mistakes

## pipeline.py

- receive input sentence + grammar report
- send report to some database
- client can request the top grammar mistakes made.
- SQL query to get ALL reports + count group by report