Architecture & Deployment Diagram

ML Module: Class Diagram

INPUT
JSON list of
(Product Titles
Product Descriptions &
Brand Names)
from Amazon search API

OUTPUT
JSON list of corresponding
TextSimilarityScore

Invoked by
4dat webapp

InputValidator
validate()

WebserviceWrapper
match_texts()

TextSimilarityEngine
perform_match()

Insights
gen_report()

python classes, using Sklearn or Gensim library
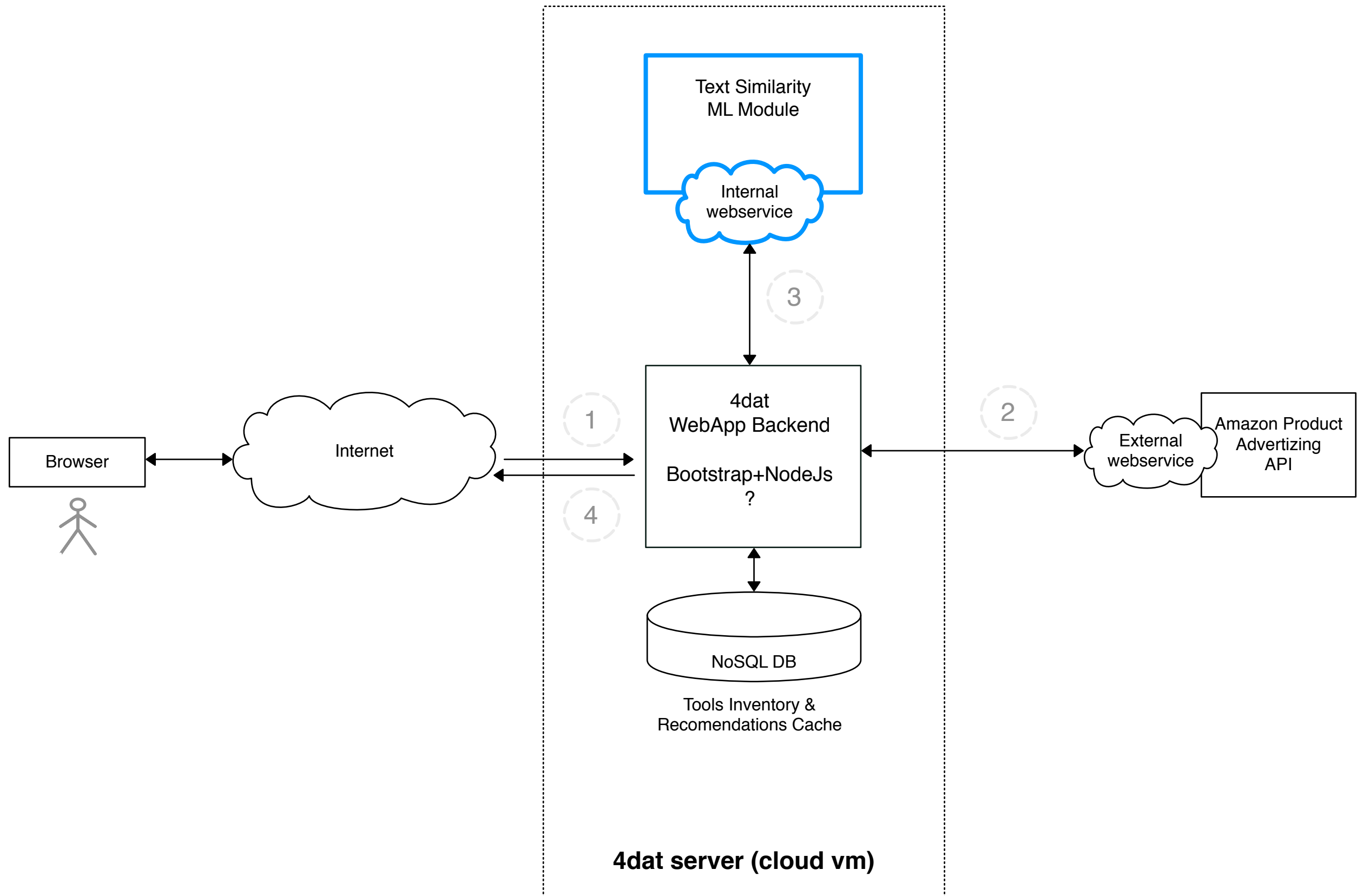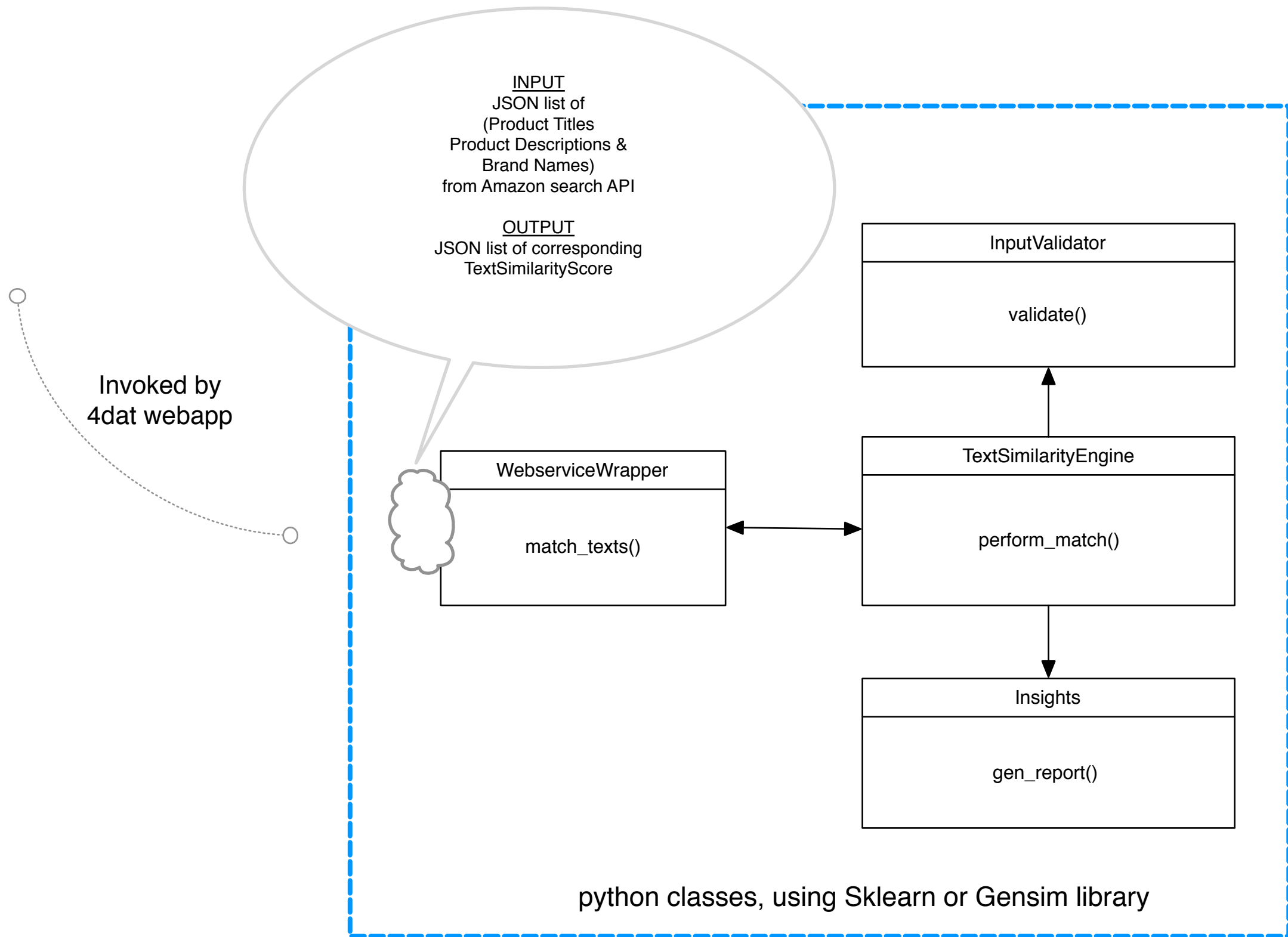
ML Module: Sequence Diagram