

# PRODUCT REVIEW SEARCH

Hello Candidate,

You are given a data set of public review for product along with review text and score, you have to build an IR (Information Retrieval) system. When a user can come and search their keywords and based on that the review text with the highest review score and helpfulness should appear.

Sample row:

product/productId: B001E4KFG0

review/userId: A3SGXH7AUHU8GW

review/profileName: delmartian

review/helpfulness: 1/1

review/score: 5.0

review/time: 1303862400

review/summary: Good Quality Dog Food

review/text: I have bought several of the Vitality canned dog food products and have found them all to be of good quality. The product looks more like a stew than a processed meat and it smells better. My Labrador is finicky and she appreciates this product better than most.

**Complete Data source:** [Download](#)

Use **python/django** for backend, frontend should be in **React** or Angular (if not both then JQuery). The complete application should be dockerized for development.

Features:

- Management command to load and index the complete dataset to database model
- UI for client for search the data and get the result (Highlighting search keyword in result would be add-on)
- Complete development track should be available on github and share github link for submission.
- Deploy the application online on AWS (free tier) or anywhere possible would be an add-on

ETA of development would be 3 days.

Thank you, all the best ! :)