

Yogi Engineering Technical Assessment

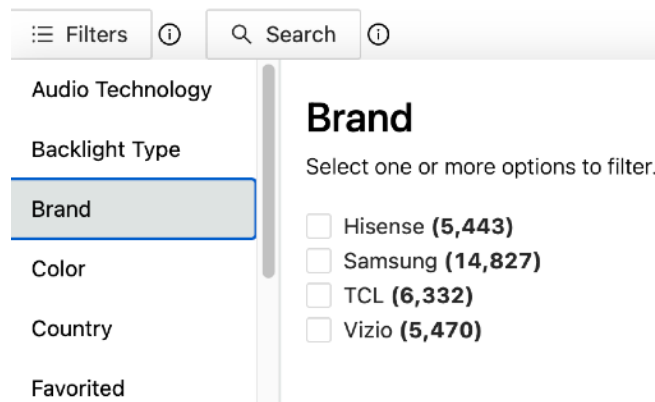
Objective

- Build an API endpoint that returns a list of fields from a database that can be filtered, along with some metrics.

Task

- Restore the attached SQL tables into a database using the “backup” file. Postgres was used to create this file. CSV files of the tables are also provided for reference.
- Using Python, build an API endpoint that returns JSON with the data below. Choose the best schema for a frontend to use.
 - The unique values of “brand name” and “product name”
 - The count of reviews, the count of views, and the average rating for each value of “brand name” and “product name”.
- DO NOT create the API that filters these values. Just build the API that returns the initial set of filterable data.
- Record a very brief screencast demoing your solution.
- When designing your algorithms, please keep scalability in mind (pretend thousands of reviews) and what’s the best schema for a frontend to use.

Rough example of how a frontend might look using your API response. DO NOT build a frontend for this assessment.



Deliverables (zip file)

- Source code files
- API spec
- Demo video

Help

- Contact **Chad Becker** at chad@meetyogi.com if you have any questions or concerns.