

Data engineer task

I implemented this task using “zod” for validating the brands.json collection against the schema provided in the task.

First, I created a mongodb database and imported the brands.json file to it.

In typescript, I connected to mongo using mongoose and then manipulated the brands collection entries to format the inconsistencies in it.

Then, for the data seeding section, I used faker.js to create 10 brand documents with correct schema adherence which further validated the functionality of the code.

Lastly, test cases provided in the Excel file were used to test the schema and project.