

Python Flask Coding Exercise

Exercise

BEON Store will be the new MarketPlace that will allow their customers to sell and buy stuff. They hired you to improve the existing code and create new routes to get the correct data within the entire platform.

All the data are coming from the **data** folder

The company requires you to create the following logic for their users:

- Using the pre-existing views, create a new logic to return all the users from data folder
- Use marshmallow to create a new schema in the schemas file to parse correctly the users
- You should take the birth_date field and calculate the age. Include it in the response
- We should exclude the rows when the fields birth_date, email and gender come nulls.

And for their categories and products:

- Using the pre-existing views create a new logic to return all the categories from the data folder.
- We must return a field in the response that counts all the products associated with the category.
- Create a new endpoint that returns the category details with all the products related to that category.
- Create a new endpoint that returns the product detail and include a new field price_with_discount that applies a 10% discount to all the products.

You can extend the project as much as you want to showcase your abilities and create a helpful and complete system. Using Python and Flask is the only requirement—you are free to choose whatever libraries you deem necessary.

Important Note: you can search through the internet to find valuable resources you can use to develop the practice.