

Congratulations!

You have reached the final shortlist for eT3 Graduate Internship 2022.

Please complete the task below before Saturday, July 30th 12:00 PM Noon, to help us assess your skills for the final acceptance. If you have any questions, you can text or whatsapp this number +20 111 111 0550.

You should choose at least **One** of The following Five tasks.

Feel free to solve more than one task

1. Front-end task:

Create a simple static coffee shop web-site guided by the assets provided

Note: feel free to use any language

2. Front-end task:

Create a simple static coffee shop mobile app guided by the assets provided

Note: feel free to use any language

3. Back-end task:

1. Create models for a simple coffee shop system with the following diagrams:

1. ERD Diagram

2. Class Diagram

2. Create a simple admin interface to display and edit data from these models

Note: feel free to use any language

4. Database task:

1. Import the provided excel sheet into any relational database

2. Answers these questions:

1. Which drink has the highest calories from the dataset ?

2. What is the average calorie amount for each drink category ?

3. Which drinks have below average calorie amount ?

Note: provide all the queries in a text file

5. Data Science task:

1. Import dataset

2. Data preparation

-Remove duplicates

-Fill null values

-Drop unnecessary Columns

3. Data Visualisations: Using plots to answers this questions

-Q1. Which drink has the highest calories from the dataset?

-Q2. Highest Sugar Drink ?

Note: provide a jupyter notebook

Note:

All the **Assets** you will need, you can download through this link

<https://drive.google.com/file/d/1osclWvpXTtIBV4t0fTBuPux74RklkwmX/view?usp=sharing>

Deliverables:

1. Deliver your solution on a git repo with screenshots.

2. Include brief professional documentation of the work you've done and instructions on how to run the solution.

3. Deliver your work by sending to this email with subject "Internship 2022 Task Delivery" hr@et3.co