**Final Project: Order of Submission and Assessment Criteria**

As already mentioned the final sprint consists of 2 main parts: decomposition and the dashboard with conclusions. In general, final sprints have the following stages:

1. You receive a business problem with several possible areas of research. It's up to you to decide the area with which you want to work. You can discuss it with your team leader and peers. You’ll be given 2 weeks to complete the task.
2. After you decide on an area of research, you will need to come up with a plan: what metrics/parameters you want to investigate and what to include in the dashboard. You'll need to study the data in advance to understand what you’re working with and what goals you want to achieve. The decomposition will be your first submission to the platform, just like a normal project. It will be checked and accepted by your team leader.
3. Once your plan is approved, you can use it to begin researching and assembling the dashboard. Keep in my mind, that result of your project is not only a dashboard, but research on the chosen area in the format of conclusions and recommendations. Of course, your plan may change slightly as you progress through your project—just don’t forget to discuss any changes with your team leader.
4. Once you're done with the dashboard and research, submit the file through the platform for your team leader to review.

Assessment Criteria

There will be no grading system for the final project. This is because we want you to explore the data and be as creative as possible. Use this time to improve communication with your team leader. After all, they’ll be the ones who accept your plan and dashboard. In order to complete the final sprint, your plan, report, and dashboard must be accepted through the platform by the team leader.

However, there are still some criteria that you must meet for your project to be accepted:

Criteria for Decomposition:

* Your decomposition should include a detailed and structured research plan. What questions do you want to answer with your dashboard? What hypotheses do you have? What visualizations will be used? How do you need to work with data prior assembling the dashboard?
* All steps in the plan should relate to your research area. For example, if you choose to focus on customer analysis, you won't need to investigate the product range.
* Your plan should give your team leader a clear picture of what will be presented in the dashboard and report.

Criteria for the Dashboard:

* There are no limitations or requirements for your dashboard—except one: it has to be relevant to your research area.
* You may use either Tableau Public or Power BI to create your dashboard. If you need any help with your plan or visualization, you can reach out to your team leader or peers.
* The dashboard should tell a story and every visualization should be a part of this story.

Criteria for Report:

* You should provide your findings from working with the data and creating a dashboard in the format of a report.
* The report must include your conclusions and recommendations to the business, as it’s the main goal of any analysis. Without conclusions and recommendations the final project won’t get accepted.
* There is no strict format to the report - it may be just a document, a pdf with graphs, or a presentation.

Your team leader will check your project for compliance with these criteria.

Our team leaders are professionals from the industry with full-time jobs, so the expected waiting time for a review is 48 hours. However, don't forget to interact with them over chat or direct messages if you need to discuss anything.

**Final Project: Business problem**

Problem Description:

You've been hired as a junior analyst for Zomato. Zomato is a multinational restaurant aggregator and food delivery company. As your first assignment in the onboarding process you’re given several test datasets to analyze the business performance of restaurants and customers registered in the service.

BI-Analytics Team in Zomato usually performs 3 types of analysis:

1. Customer Analysis Segmentation: who are Zomato’s customers? What segments can we split them into? What is their purchasing behavior?…
2. Restaurant Analysis: What restaurants are popular? What restaurants generate the highest revenue? Why?…
3. Sales Analysis: Dynamics of sales/revenue overtime, main KPIs, change in distribution of sales and so on…

Your Team Lead expects you to perform one type of the analysis as well. Choose 1 out of the 3 areas to focus on and build your research plan. At the end of your onboarding process, you should present the dashboard related to the area as well as the main key points of your analysis in the format of report or presentation.

Data

[Zomato data.zip](https://practicum-content.s3.us-west-1.amazonaws.com/data-eng/BIA/Dataset/Zomato%20data.zip)

Download the archive with the test data given by your Team Lead. You’ll find 5 tables there:

* food
* menu
* orders
* restaurant
* users

It should be more than enough for you to complete your onboarding assignment, there is no need to use additional information. You may use one or several tables from the database, depending on your goal. You may join the data as you wish.