We would like to analyze our production times to understand when and where we have late orders.

1. *(2 - 3 slides)* Using this dataset, generate some insights for senior management to provide an overview of our restaurants’ performance.
2. *(1 - 2 slides)* Mock up a dashboard on how this data would be presented to our 100+ restaurant operators to help them track their on-time performance.
   1. What KPIs from this dataset would you include?
   2. What KPIs not from this dataset would you include?
   3. What charts would you use to help a restaurant manager easily understand their performance and efficiency?

## Rubric

The final deliverable should be presentable in .pdf format. Please include other attachments showing your work along with your SQL code and presentation in a compressed .zip folder. We recommend

that you use a BI tool (e.g., Tableau) for the mock up. We are evaluating:

* your ability to apply data to an operations context
* your ability to think creatively when not all data is given
* your ability to communicate with different stakeholders
* your ability to write clear and concise SQL code for your analyses

**Files**

* bie\_takehome\_rubric.docx - rubric for take home test.
* bie\_takehome\_data.csv - dataset on orders from 9 restaurants for 2 weeks. Contains 24k records. Table definitions are below.

## Column Description

order\_id ID of order, primary key

restaurant\_id ID of restaurant restaurant\_name ID of restaurant

placed\_time Local timestamp of when customer placed order

wanted\_time Local timestamp of customer's desired pickup time

production\_start Local timestamp of when team member started order production\_end Local timestamp of when team member finished order order\_size Number of items in order

order\_price Total cost of order.

# Helpful Tools

## Tableau

Sweetgreen uses Tableau for the majority of reporting and analytics projects. If you do not already have a Tableau account, you can download a 14-day free trial of Tableau Desktop [here](https://www.tableau.com/products/desktop/download#system-requirements). [This link](https://help.tableau.com/current/pro/desktop/en-us/examples_text.htm)

explains how to connect your workbook to the dataset.