

# Food Delivery: Case Study

## About the Data

The data file named `food_delivery.csv` is from Food Delivery industry. The following are the characteristics of this data:

- The data has 34576 rows and 10 columns
- Each row is a single food delivery order
- The details of each column are as follows:
  - `user_code` : a unique number given to each user
  - `date` : the date of delivery of the order (yyyy-mm-dd)
  - `company` : the delivery company
  - `restaurant` : the restaurant from where the food was delivered
  - `price_paid` : the total price paid by the user for the order
  - `delivery_charge` : the delivery charge for the order
  - `packing_charge` : the packing charge for the order
  - `district` : the district of order delivery
  - `state` : the state of order delivery
  - `zone` : the zone (north, east, west, south) of order delivery

## Analysis Requirements

Company Gamma wants to analyze this data and gain insights about its own performance as well as its competitors Alpha and Beta. The objective of this analysis is that Gamma would then like to know what can it do to improve performance.

Your task is to come up with a report on this data to present to gamma leadership.

The report must have (but not limited to) the following:

- tabular analysis
- visualization of data
- insightful comments

The analysis must be done using either Python or R or a mix of both. Share your complete code with the report.

Tip: First give some time to think over and plan your analysis in sections.