**Background**

This competition is designed to help you get started with DataCamp Competitions and familiarize yourself with how competitions work. You work in the accounting department of a company that sells motorcycle parts. The company operates three warehouses in a large metropolitan area. You’ve recently learned data manipulation and plotting, and are helping your colleague analyze past sales data. Your colleague wants to capture sales by payment method. She also needs to know the average unit price for each product line.

**Your challenge**

Create a report to answer your colleague's questions. Include:

* What are the total sales for each payment method?
* What is the average unit price for each product line?
* Create plots to visualize findings for questions 1 and 2.
* [Optional] Investigate further (e.g., average purchase value by client type, total purchase value by product line, etc.)
* Summarize your findings.

## Judging criteria

This competition is for helping to understand how competitions work. This competition will not be judged.

## How to get started

Create your most insightful analysis using Workspace, our in-browser tool to write, run, and publish data analyses. Once you’ve finished your work, you’ll need to publish it for review.

1

Start your analysis in R or Python

2

Create an insightful analysis

3

Publish your work for review

4

Share your publication to get upvoted

## Rules

* Entries to the competition take the form of a workspace publication. Make sure the competition publication is publicly visible in order to be entered into the competition.
* Your publication should be focused on data provided within the competition.
* The competition is open and free to registered DataCamp users.
* Only one entry per user. In the event of multiple entries being submitted the first entry will be considered as the main entry.
* Make sure your competition workspace is published by the competition deadline in order for it to be valid. This competition ends on 17th February, 2022 at 22:59 PT.

Note: Please make sure you're 18+ years old and are allowed to take part in a skill-based competition from your country.