Assignment
Joining and Analysis Project

You have learned almost everything you need to know about SQL and querying data. Now it's time to learn how to do analysis. Analysis is an art and each person does it differently. There is no right or wrong way of doing things, but there are certain things that make an analysis better or worse. You will have a lot more independence on what you think matters and what doesn't when doing an analysis of a product. You will also make your own decision on how to present your analysis. This will give you a better understanding of how to work with data in the real world at a real company.

Problem 1: Joining

1. Which quiz generated the most views? What type of quiz is it?

2. Which quiz has the highest completion rate? What type of quiz is it and when was it published?

3. Which type of quiz generated the most views? What about on average, which type of quiz generates the most views?

4. Which type of quiz has the highest completion rate?

5. Which type of quiz has the highest share rate?

6. Create a histogram chart where the x-axis is the number of questions and the y-axis is the number of quizzes.

Analysis Project

This project will be focused on simulating the work you'll do at a tech company with data. You will usually be given a prompt or a question that you need to answer and your goal is to give a presentation or a document to show your findings to support your insights.

You have the liberty to present your project any way you want. Most people present it in doc or a slideshow presentation.

Here's your task:

Give some suggestions on the JomaQuiz team on how to increase their success on their Quiz platform.

If you're new to data analysis here are some questions and prompts to guide you:

- What type of quizzes performs best?
- When should we publish a quiz?
- What is the optimal length for a quiz?
- What are the differences between the device type? Should we focus on one more than the other?

Once you've written up a doc or a slideshow with your findings, export it is as a PDF and share it with the forum. We will review it in terms of the correctness of your analysis and the impact of your analysis.