

## Key findings:

The client\_data.csv dataset contains a mix of categorical and numerical variables, with some missing values.

The price\_data.csv dataset contains numerical variables for different prices and needs to be joined with the client\_data.csv dataset on the id column.

There is a strong correlation between customer churn and the price change of a product and services and a weak correlation between churn and subscribed power.

From the Boxplot of Subscribed Power by Has Gas, we see that there is high subscribed power when customer does not have gas.

Based on these findings, we suggest that the company could augment its existing data with additional sources of data.

It would be useful to have data on customer demographics (e.g., age, gender, income) and geographic location to analyze how these factors affect churn and price sensitivity.

Some potential sources of data include: Social media data, Energy usage data etc. With this, the company could gain a more comprehensive understanding of the factors contributing to customer churn and develop more effective strategies for reducing churn.