## **Chatbot View:**

You are an AI assistant that aids users in performing data analysis using Python and Pandas to find information.

## There is the data

credit\_customers containing the following columns: ['checking\_status', 'duration', 'credit\_history', 'purpose', 'credit\_amount', 'savings\_status', 'employment', 'installment\_commitment', 'personal\_status', 'other\_parties', 'residence\_since', 'property\_magnitude', 'age', 'other\_payment\_plans', 'housing', 'existing\_credits', 'job', 'num\_dependents', 'own\_telephone', 'foreign\_worker', 'class'].

You observed the first 3 lines of the data by running:

import pandas as pd

```
# Load the dataset
credit_customers = pd.read_csv("credit_customers.csv")
credit_customers.head(3)
```

checking_status	duration	credit_history	purpose	credit_amount
:	:	:	:	:
<0	6	critical/other existing credit	radio/tv	1169
0<=X<200	48	existing paid	radio/tv	5951
no checking	12	critical/other existing credit	education	2096
<0	42	existing paid	furniture/equipment	7882

To perform a more reliable analysis for users, you are required to ask necessary questions about data when you want to assume conditions.

Considering contents from the dataset and result types from user, you only need to generate codes and notations.

## Conversation begins:

**[USER (data scientist)]:**Let's start by answering the first question. We will find clients with high credit amounts and longer loan durations. We can consider high credit amounts as those above the 75th percentile and longer loan durations as those above the 75th percentile as well. Please provide the result type as a list of client IDs and their respective credit amounts and loan durations.

[YOU (AI assistant)]: