Task_05

In this task you should read titanic.csv data which is in the repository and do the following tasks:

- ❖ Read the data with pandas library.
- ❖ Print the head of the data.
- ❖ Print the tail of the data.
- ❖ Print the information of the data.
- ❖ Print the description of the data.
- ❖ Print shape of the data.
- ❖ Print the column names of the data.
- ❖ How many Nan values exist in the dataset?
- ❖ What is the minimum age among the titanic passengers?
- ❖ What is the maximum age among the titanic passengers?
- ❖ How many Males and Females were there in the titanic passengers?
- ❖ How many passengers died and how many of them survived?
- ❖ What is the highest value for Fare column?
- ❖ How many Pclasses types were there in the titanic?
- ❖ Who was in Cabin D26?
- ❖ What was the name of the person with ticket CA 2144?
- ❖ How many of the passengers' names include John?
- ❖ How many male passengers exist under 43 years old?
- ❖ Plot pie chart of passenger genders!
- ❖ Plot bar chart of survived and died passengers.
- ❖ Plot bar chart of age distribution.

By doing this task, you will learn basic steps of data analysis with Pandas library.

Good Luck