Assignment 2 : Summer Training Python

Submission will be done through google form. You need to submit one jupyter file which contains code for all the following Questions. Submission google form will be provided on Wednesday 12th July,2023.Submission can be done till 12 am.

In this Exercise you will be given some Fake Data about some purchases done through Amazon! Just go ahead and follow the directions and try your best to answer the questions and complete the tasks. Feel free to reference the solutions. Most of the tasks can be solved in different ways. For the most part, the questions get progressively harder.

Please excuse anything that doesn't make "Real-World" sense in the dataframe, all the data is fake and made-up.

Also note that all of these questions can be answered with one line of code

Ques1 Check the head of the DataFrame.

Ques2 How many rows and columns are there?

Ques 3 What is the average Purchase Price?

Ques 4 What were the highest and lowest purchase prices

Ques 5 How many people have English 'en' as their Language of choice on the website?

Ques 6 How many people have the job title of "Lawyer" ?

Ques 7 How many people made the purchase during the AM and how many people made the purchase during PM ?

Ques 8 What are the 5 most common Job Titles?

Ques 9 Someone made a purchase that came from Lot: "90 WT" , what was the Purchase Price for this transaction?

Ques 10 What is the email of the person with the following Credit Card Number: 4926535242672853

Ques 11 *How many people have American Express as their Credit Card Provider *and* made a purchase above $95 ?

Ques 12 How many people have a credit card that expires in 2025?

Ques 13 What are the top 5 most popular email providers/hosts (e.g. gmail.com, yahoo.com, etc...)