**Data Mining & Warehousing**

**BCS-7B**

**Project – 1**

**Team Members**

**21F-9222 Alishba Nazir**

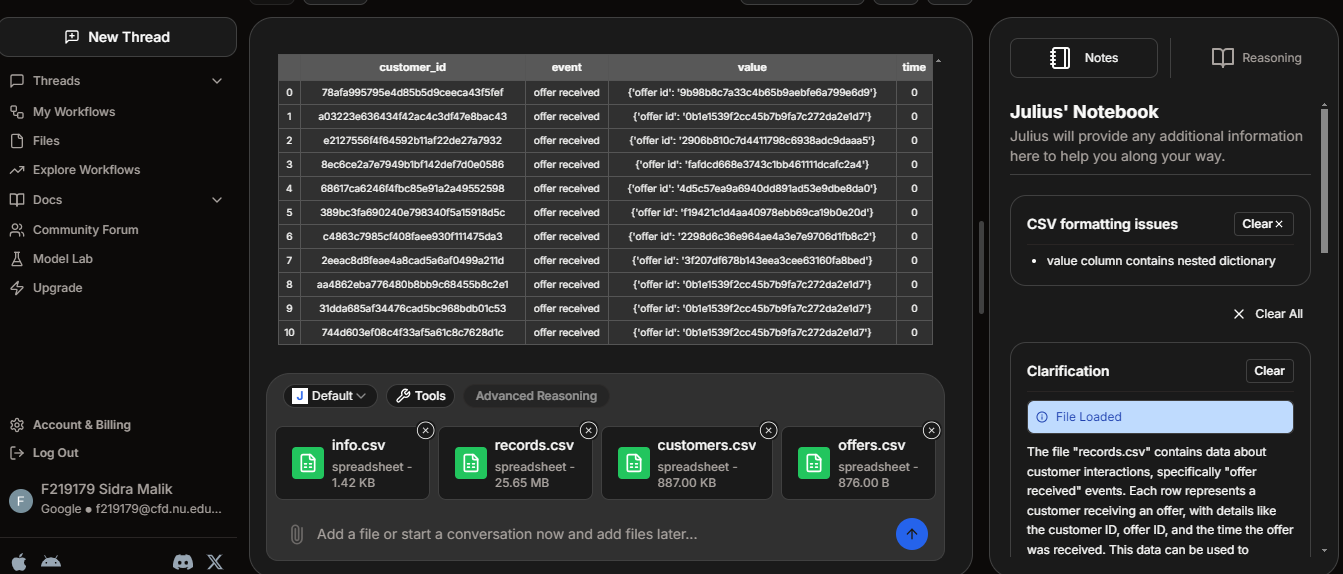
**21F-9179 Sidra Malik**

**21F-9219 Usman Aziz**

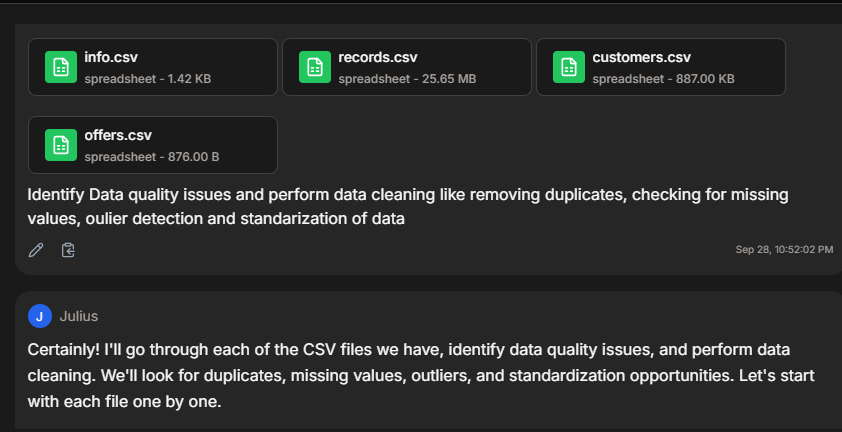
**Task – 1**

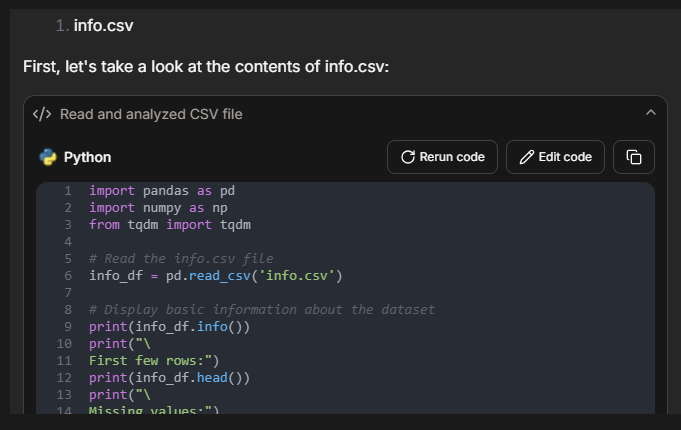
**Using Julius**

1. Uploading files in julias:



1. Identifying data quality issues and cleaning data:



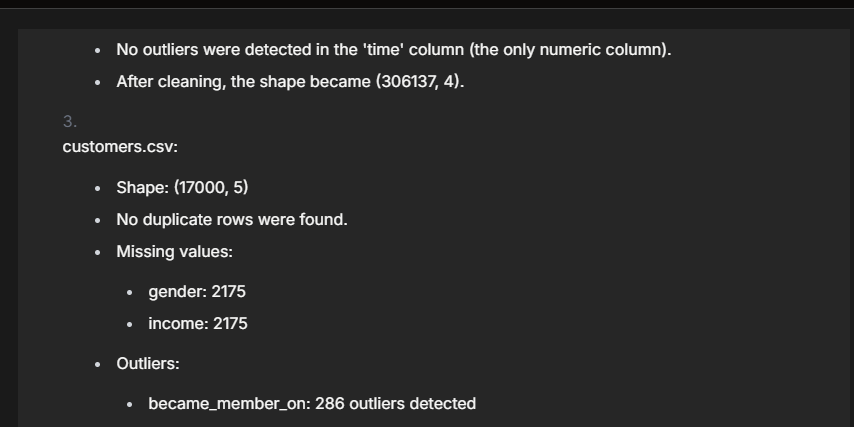


A screenshot of a computer

Description automatically generated

A screenshot of a computer error

Description automatically generated



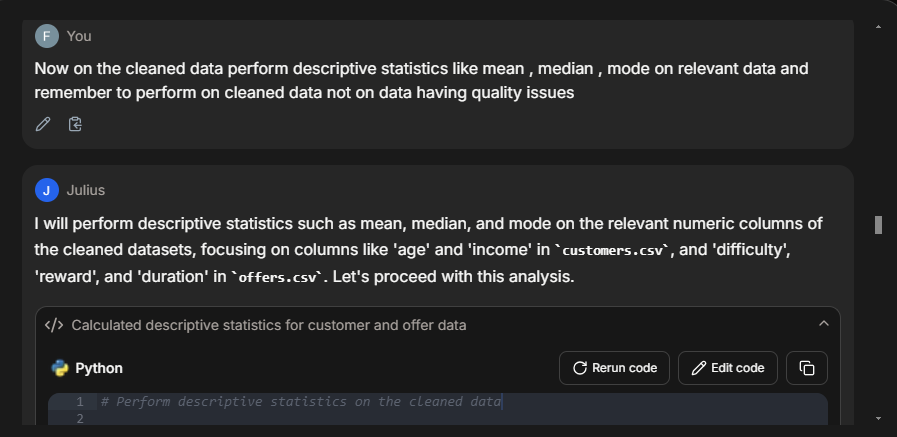
A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

2- Descriptive statistics performed on relevant data of cleaned data:

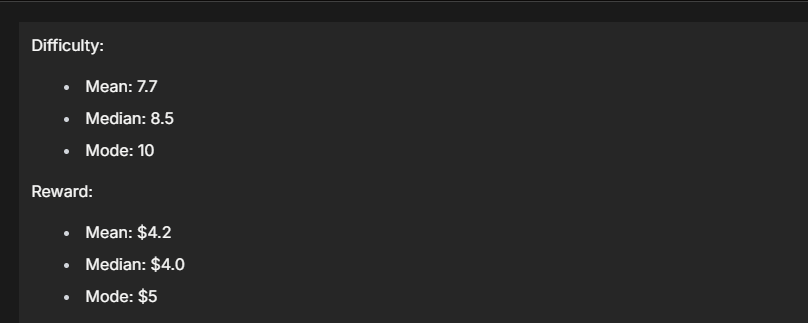


A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated



A black screen with white text

Description automatically generated

A screenshot of a black screen

Description automatically generated

A screenshot of a computer

Description automatically generated

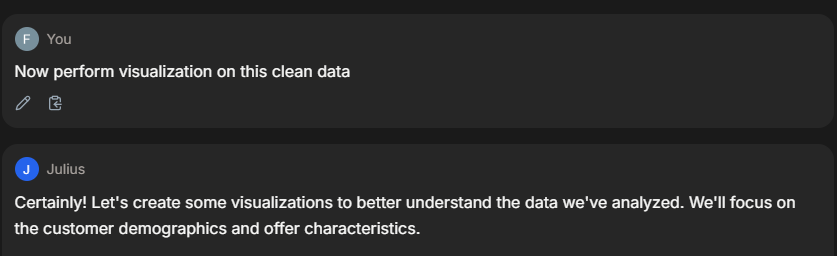
A screenshot of a black and white text

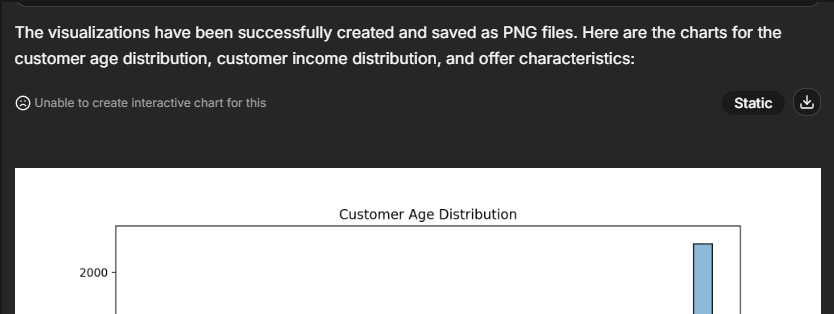
Description automatically generated

A black screen with white text

Description automatically generated

1. Visualization:





A graph of a graph

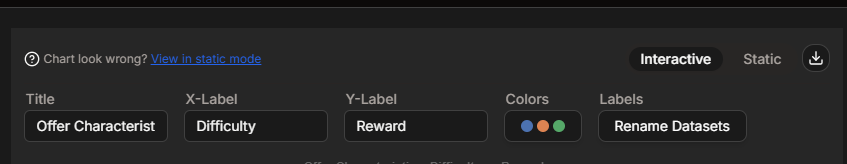
Description automatically generated with medium confidence

A graph of a customer income distribution

Description automatically generated

A graph with green and blue dots

Description automatically generated



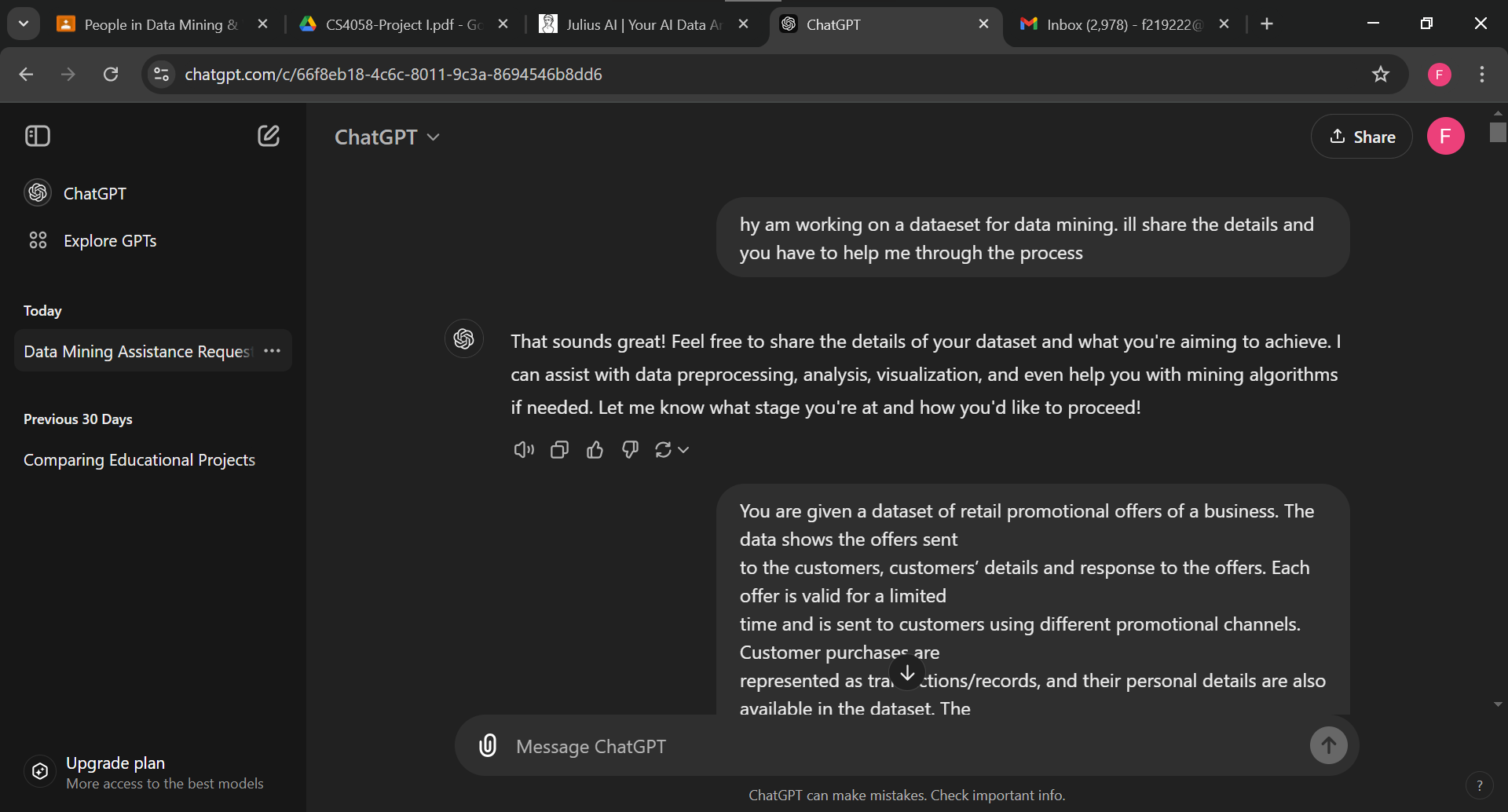
A screenshot of a graph

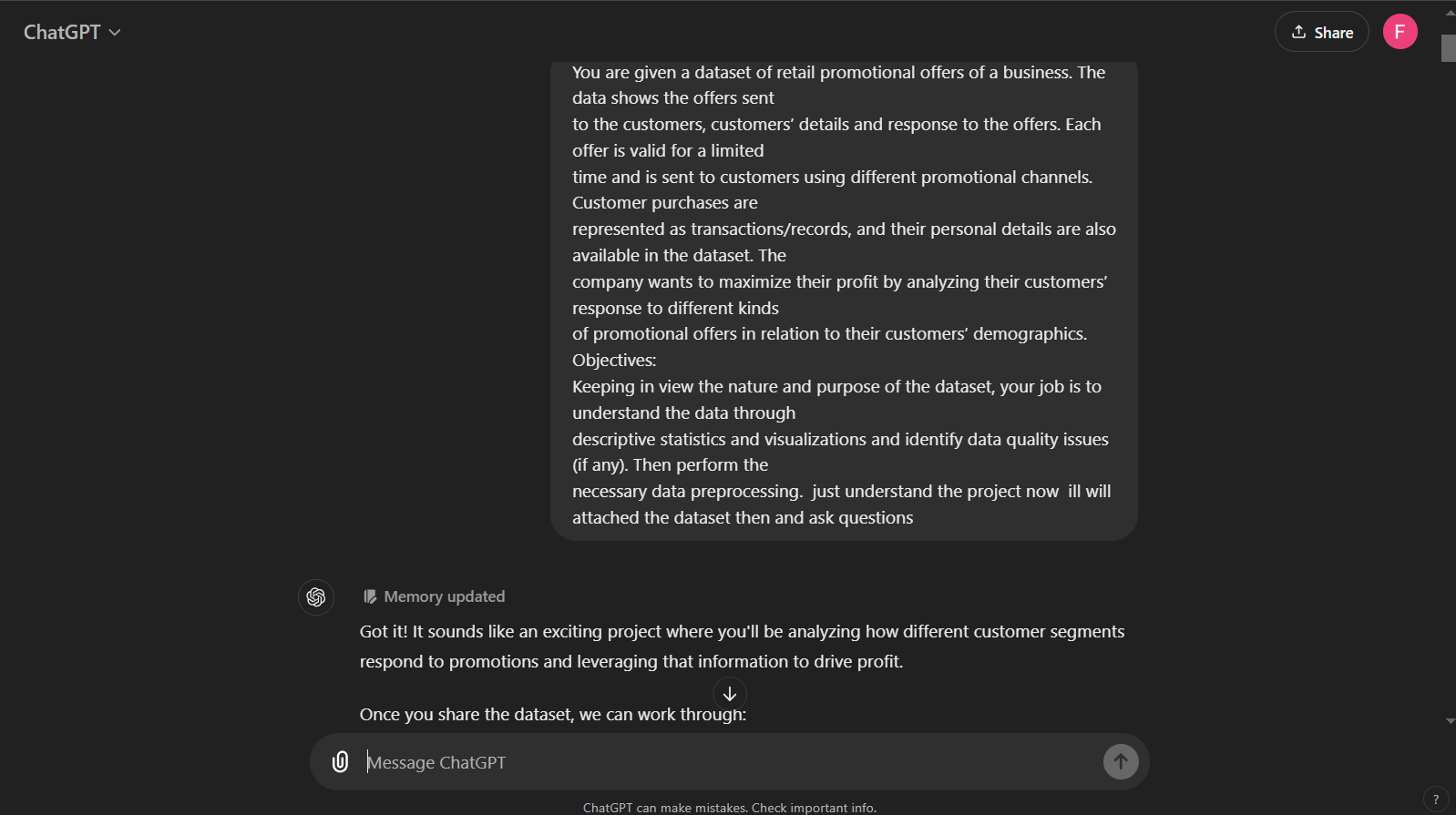
Description automatically generated

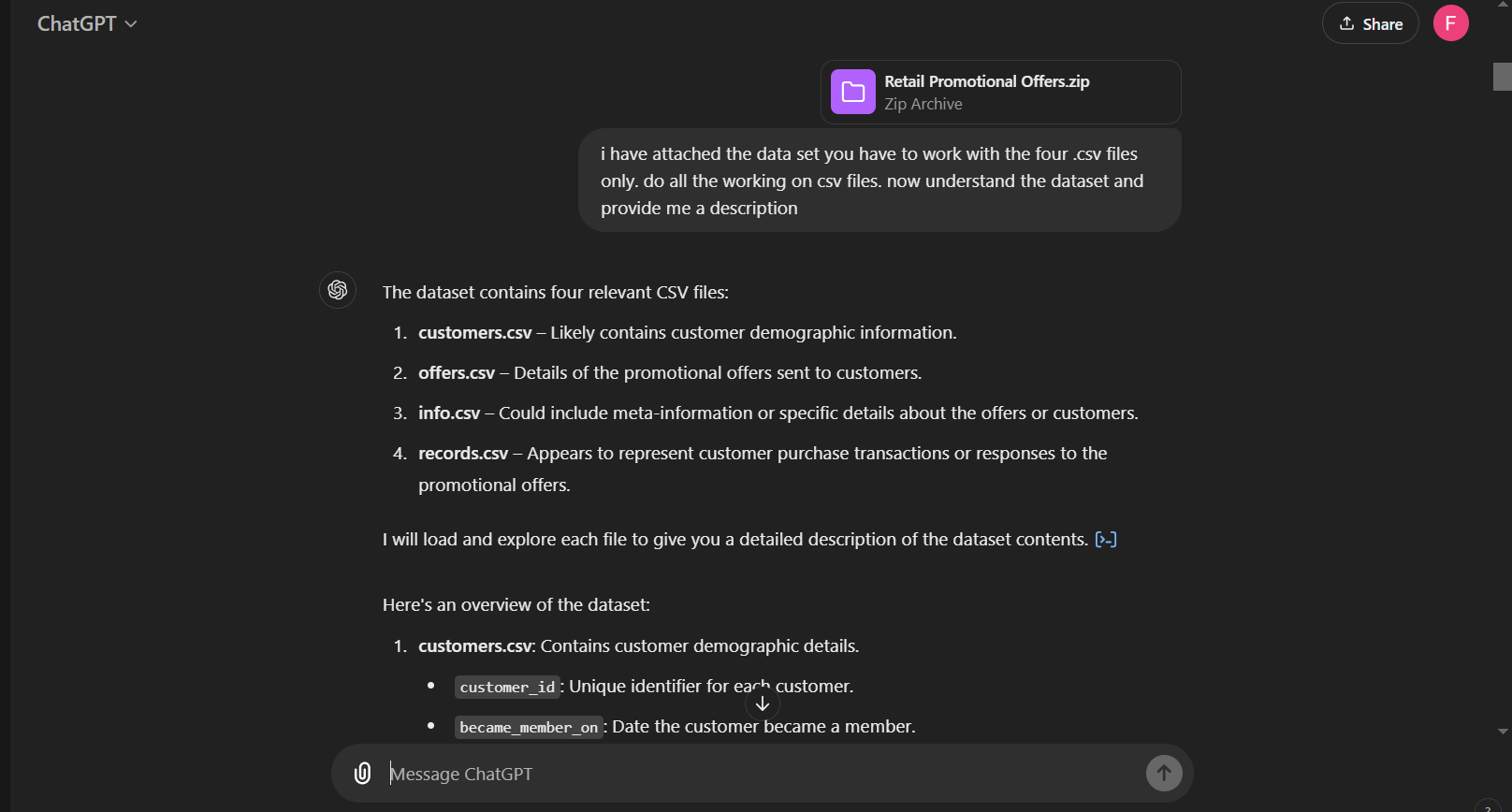
These visualizations provide insights into the distribution of customer ages and incomes, as well as the relationship between offer difficulty, reward, and duration.

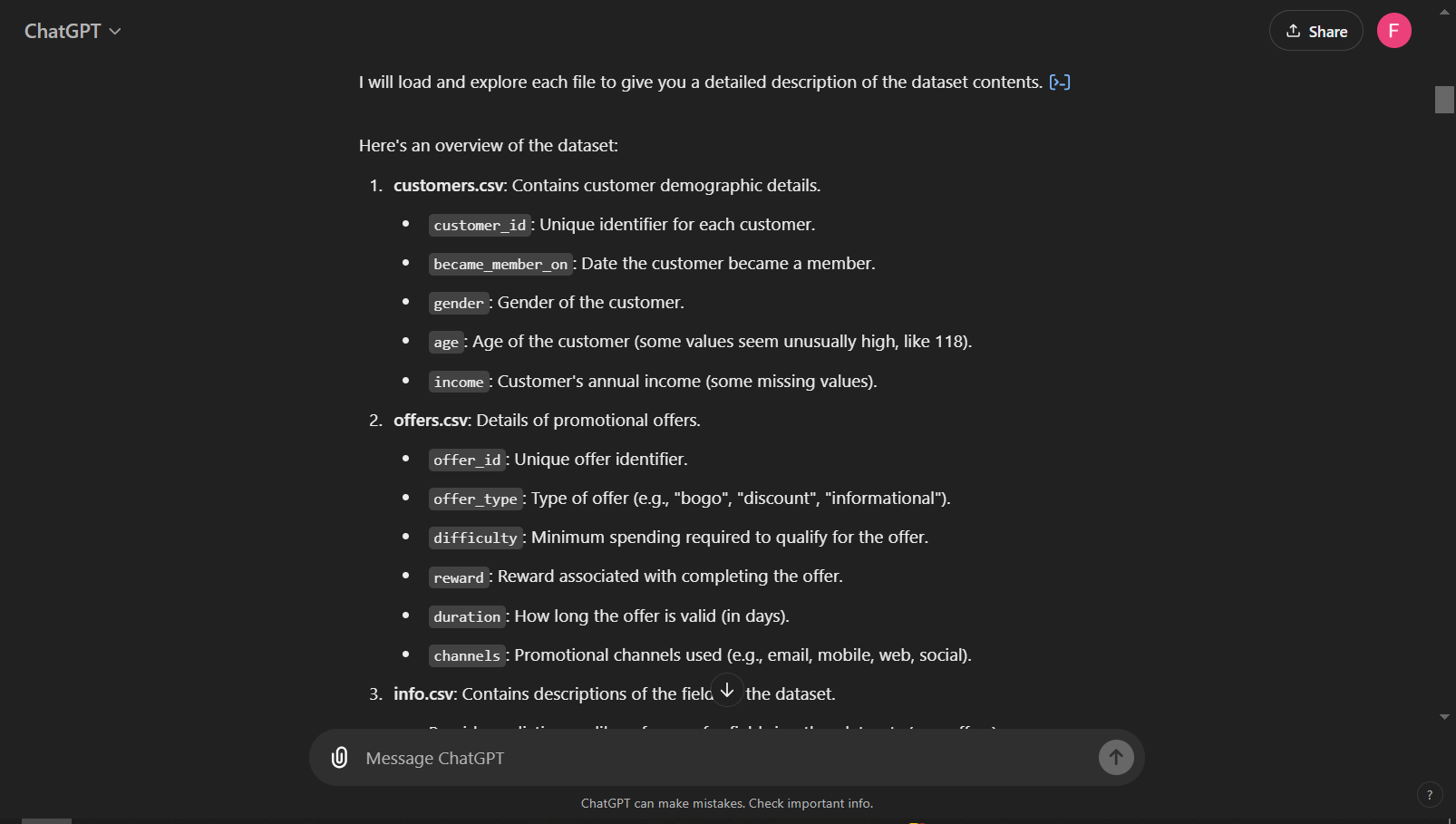
**Task – 2**

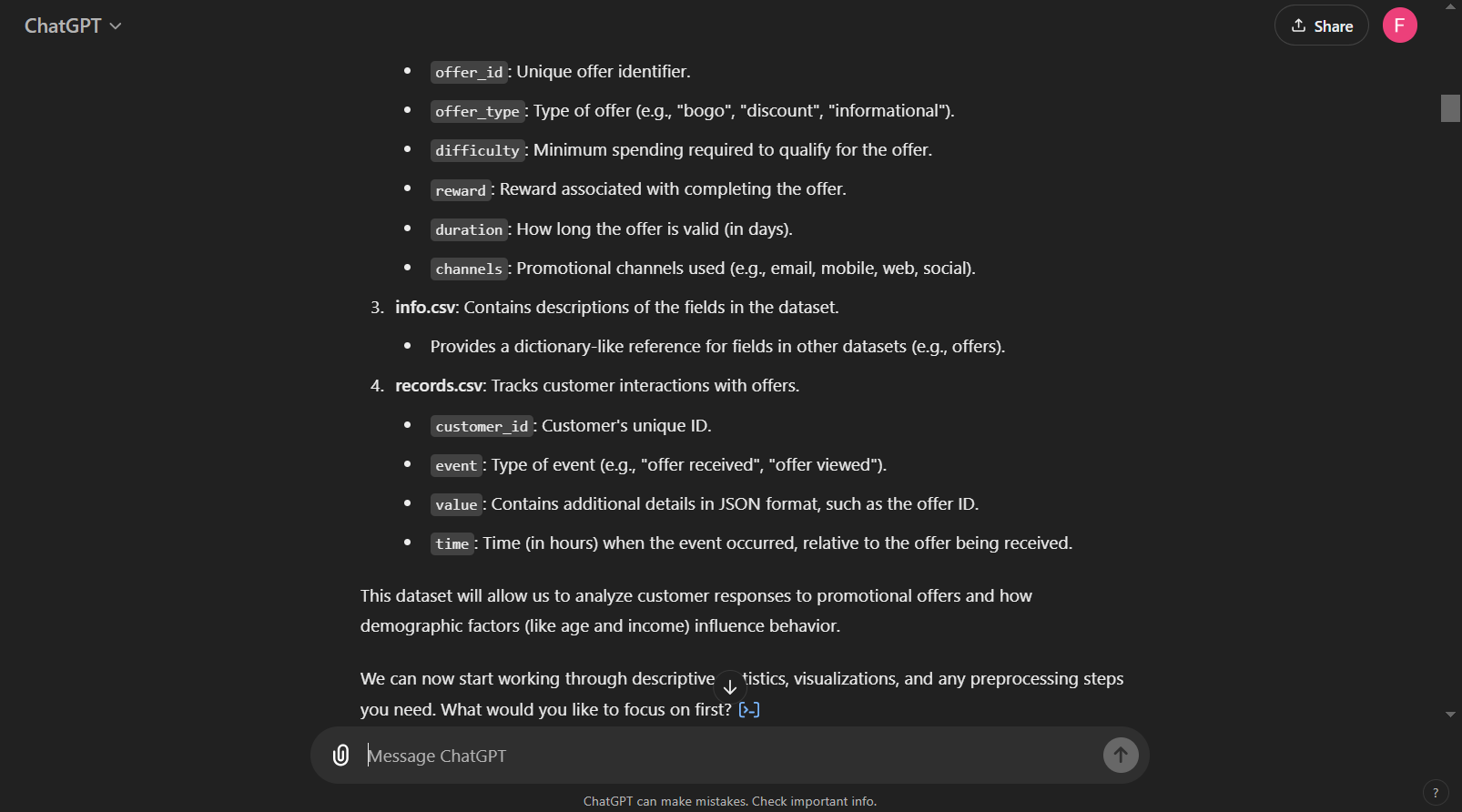
**Using Chat-GPT**

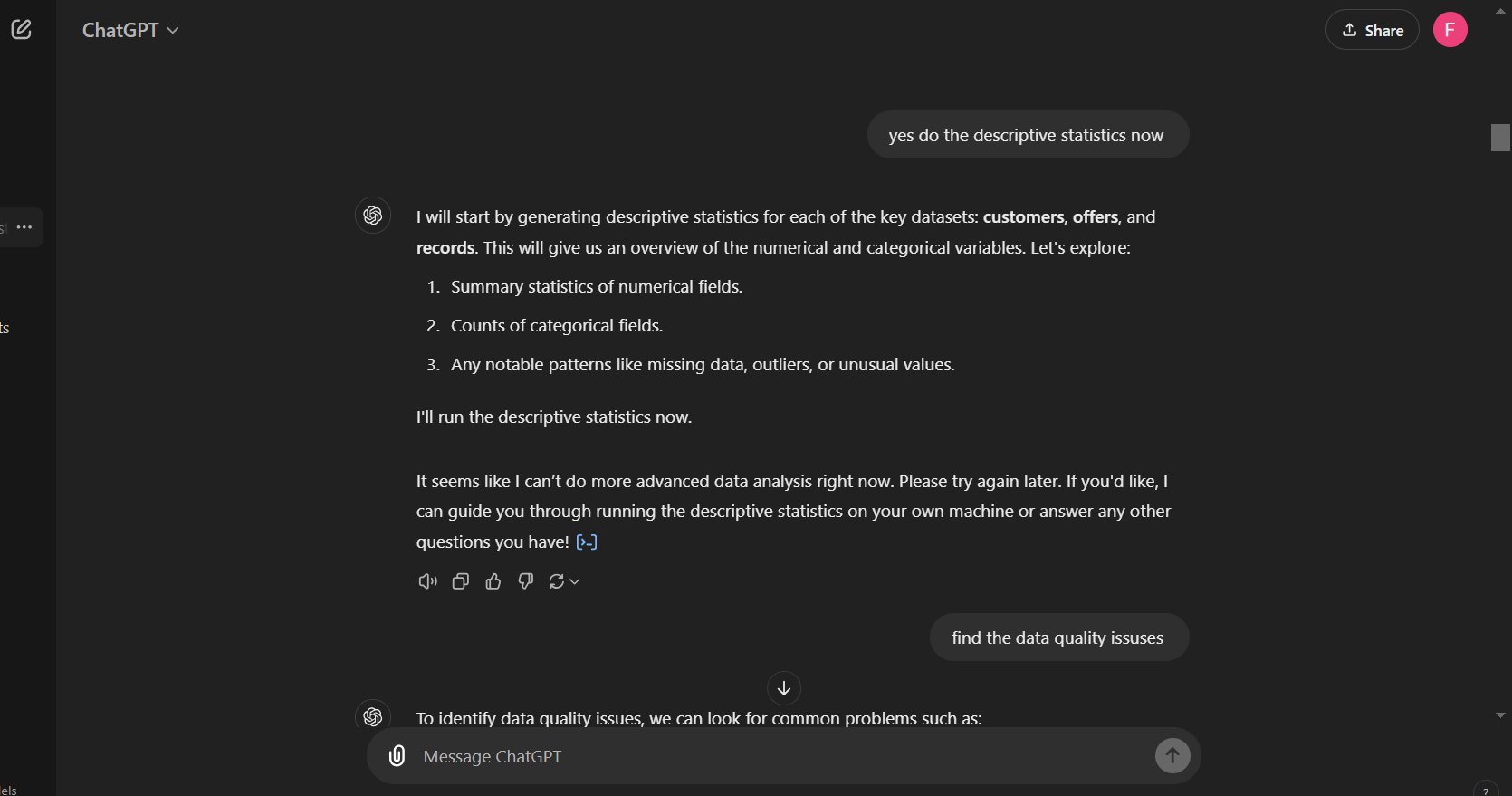
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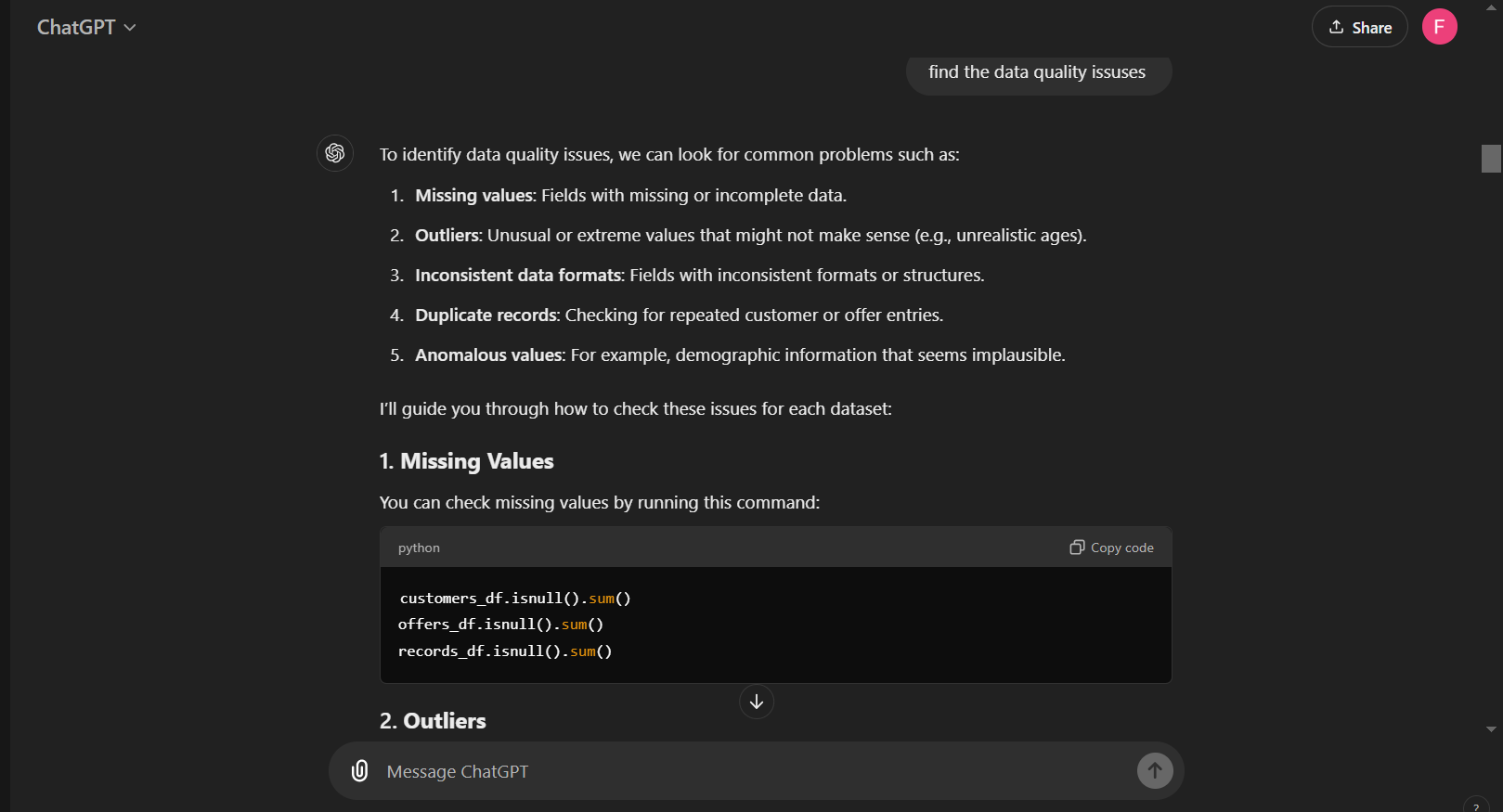
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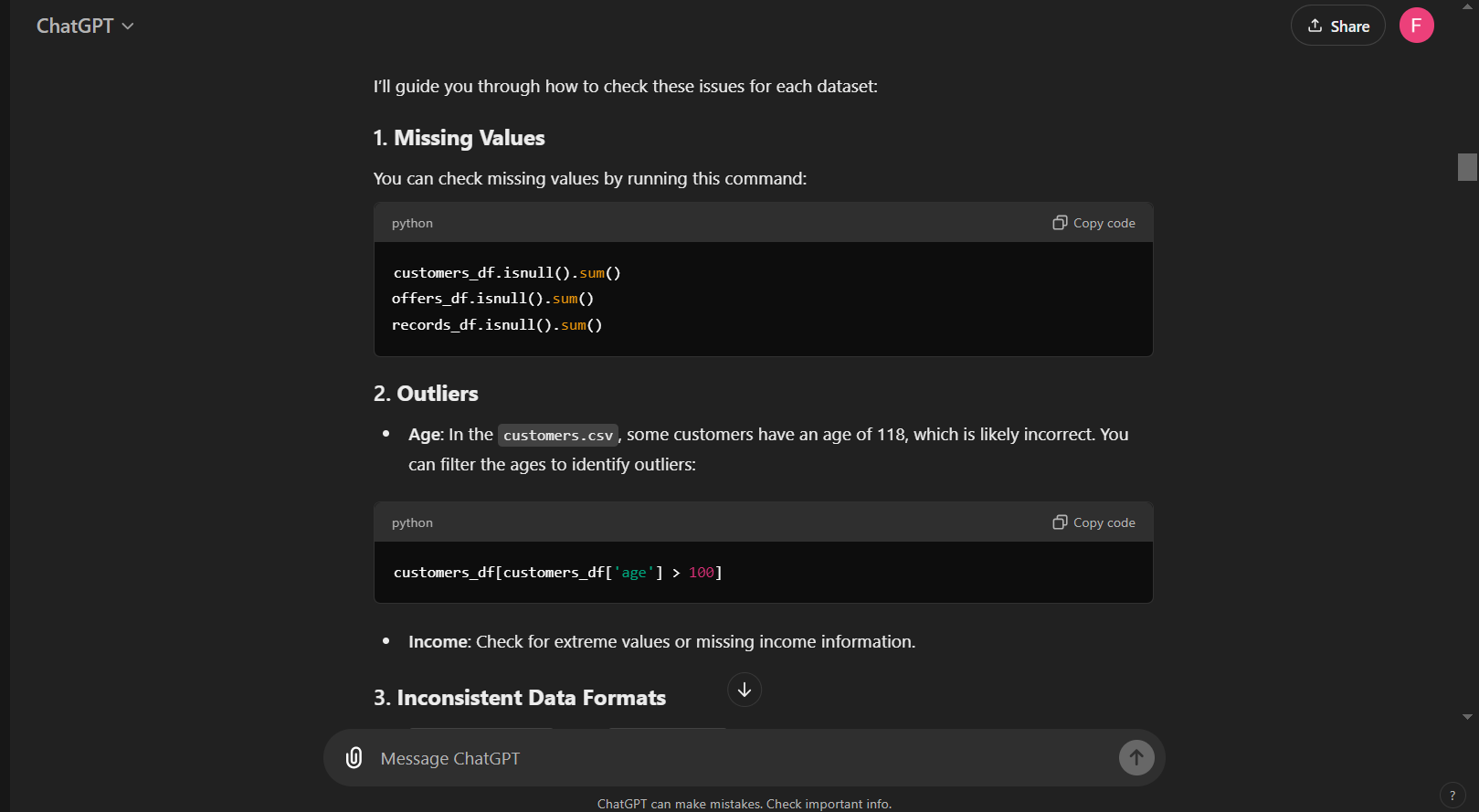
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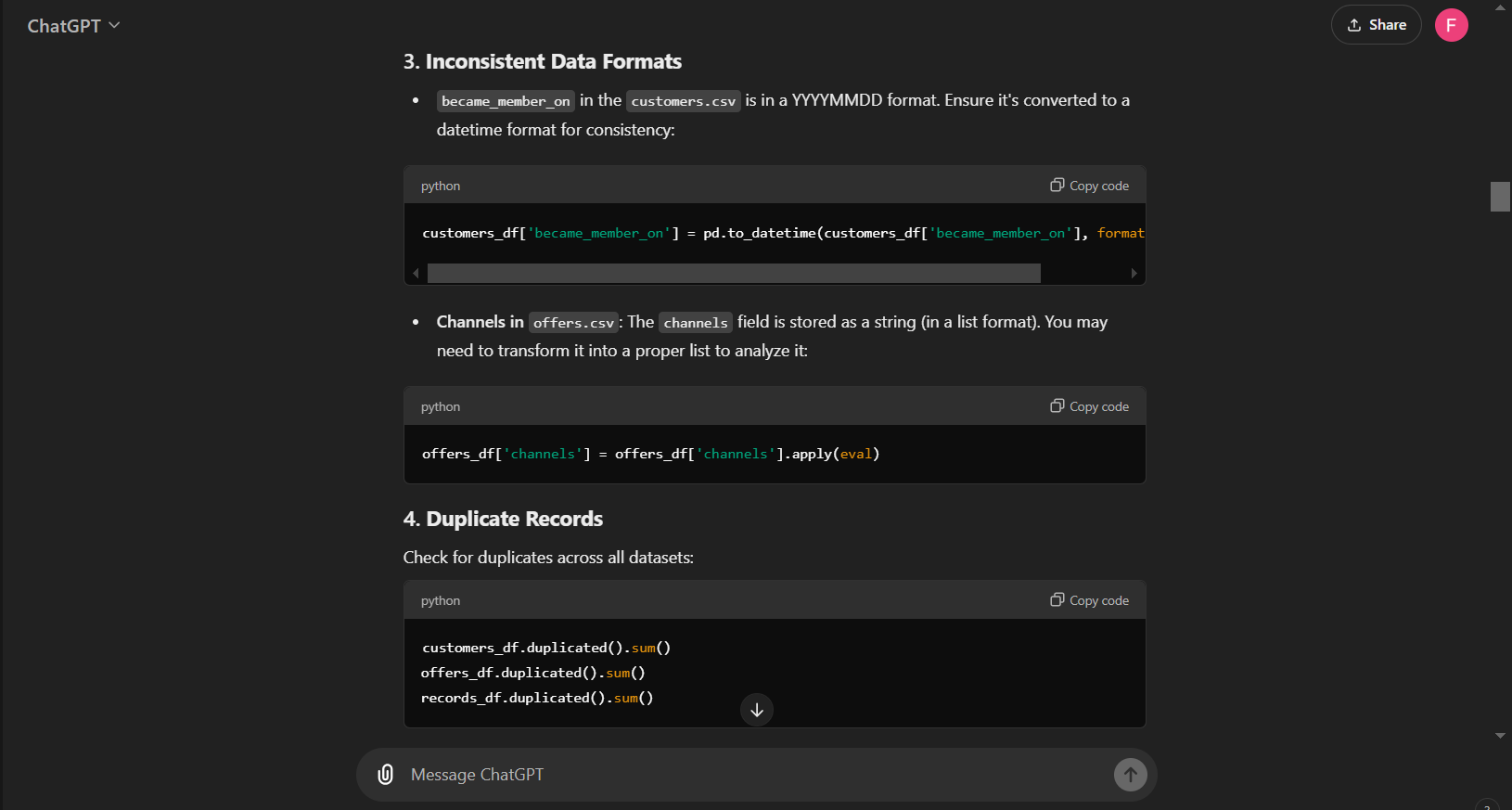
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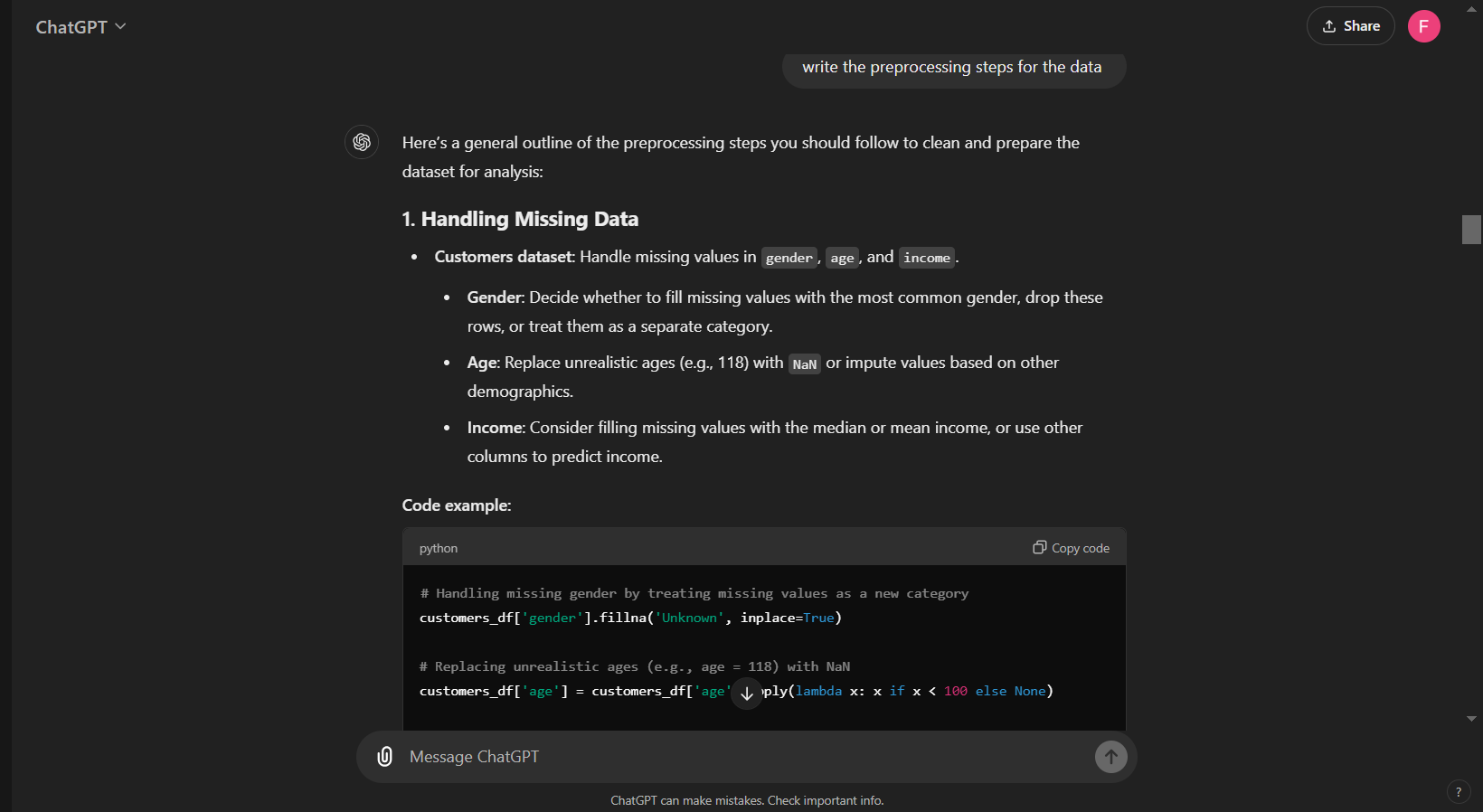
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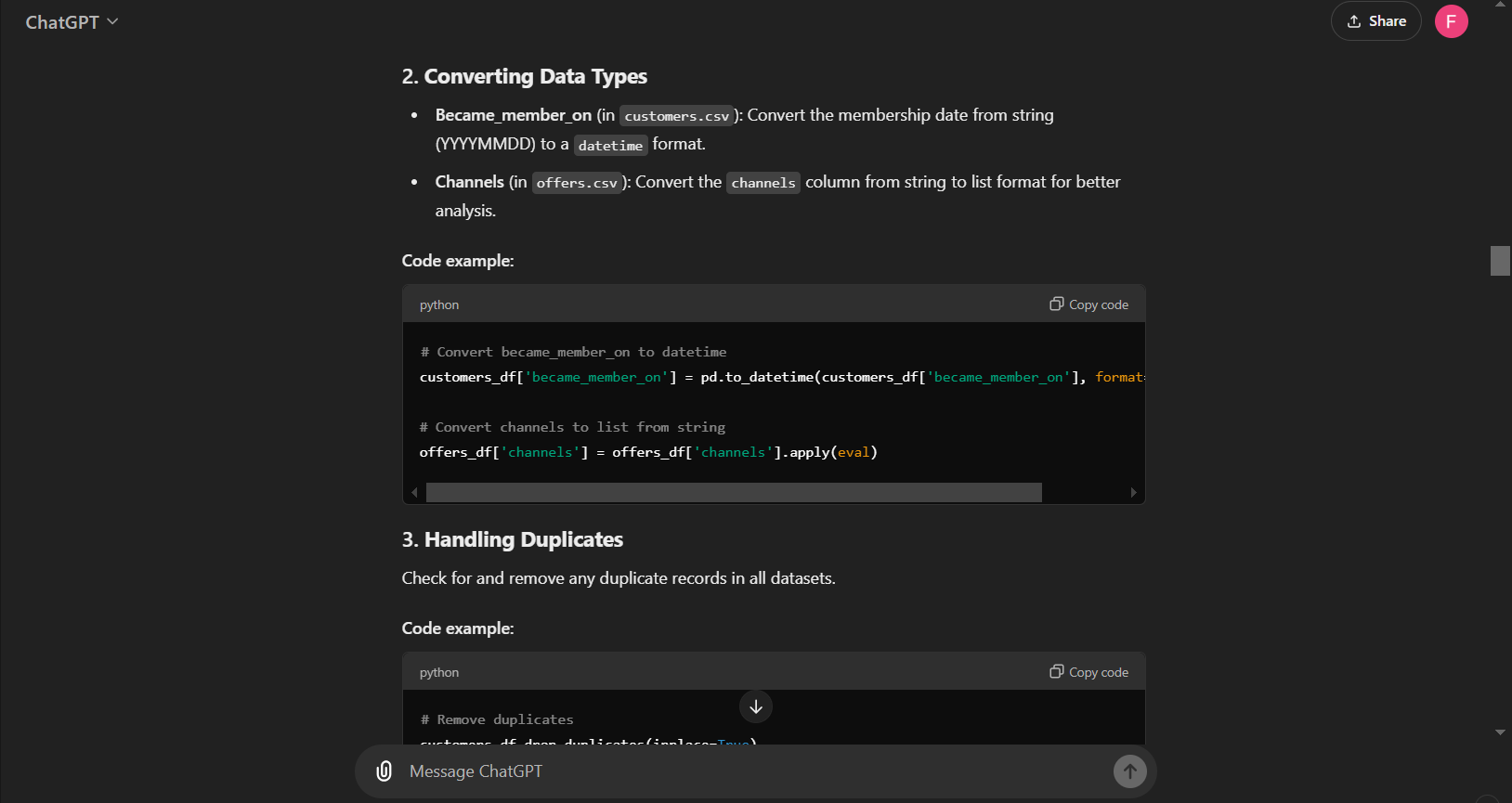


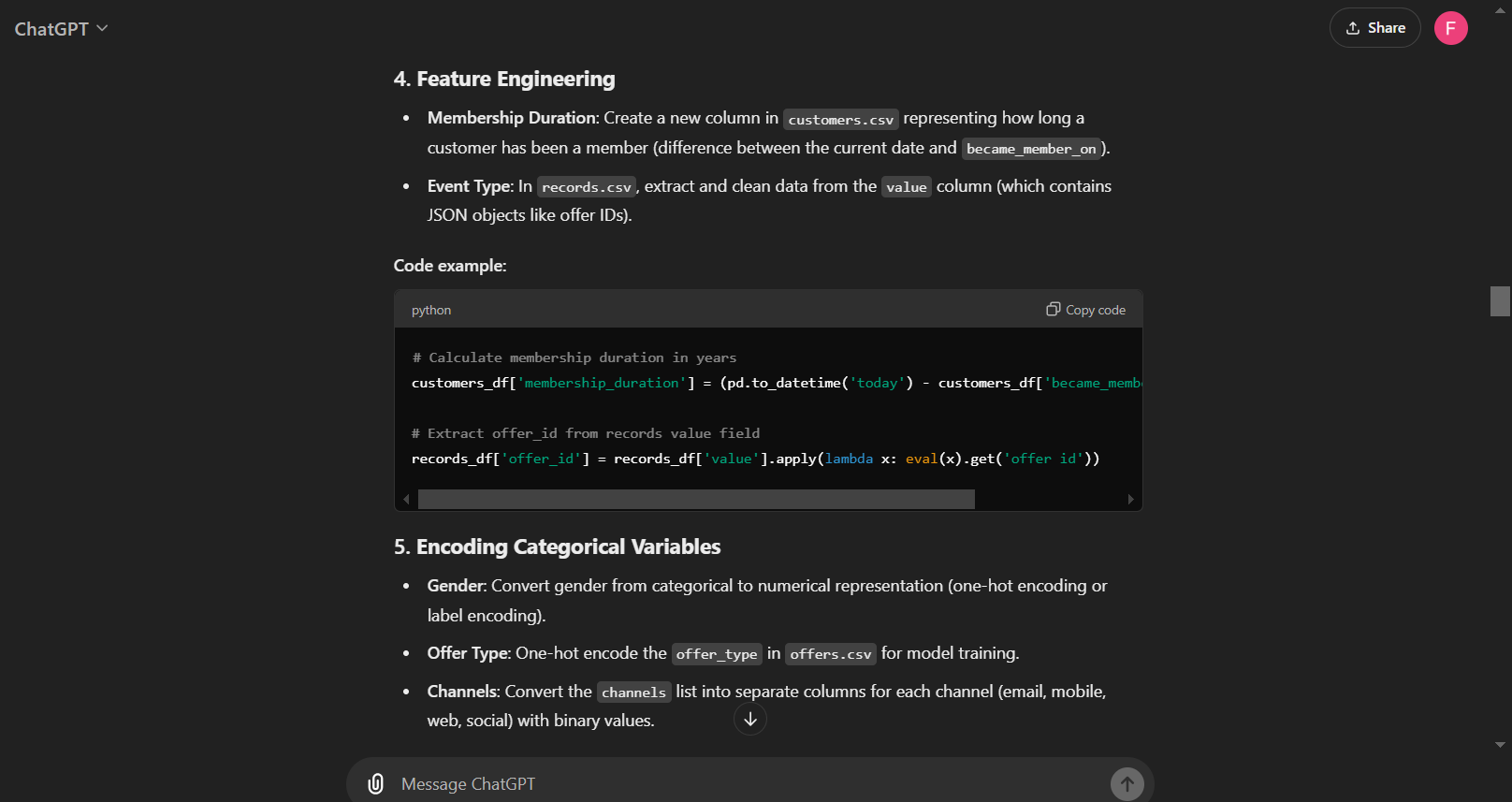


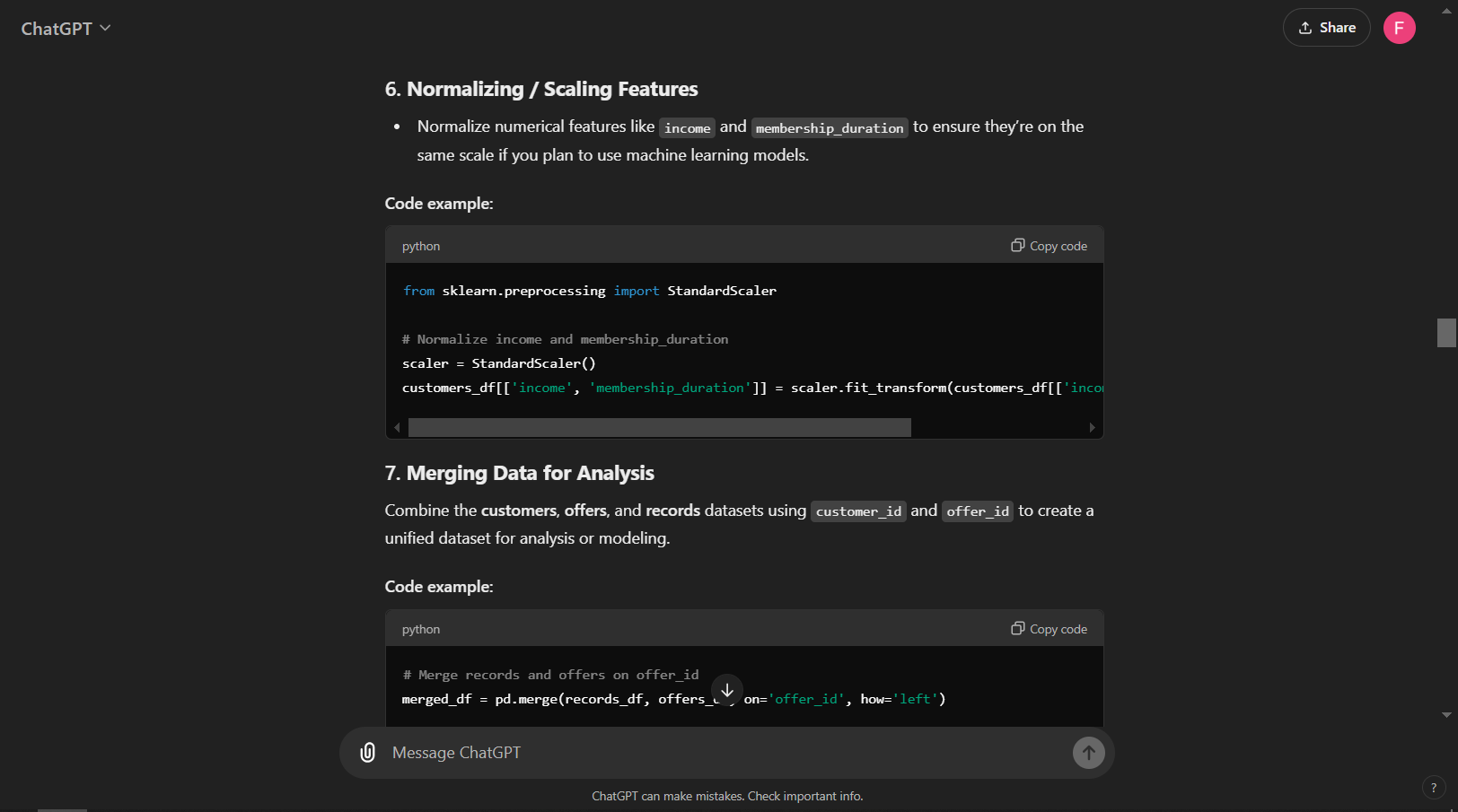


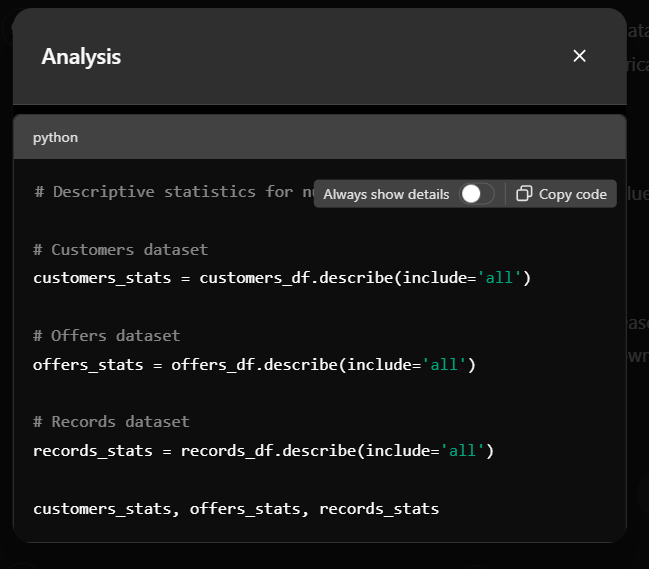


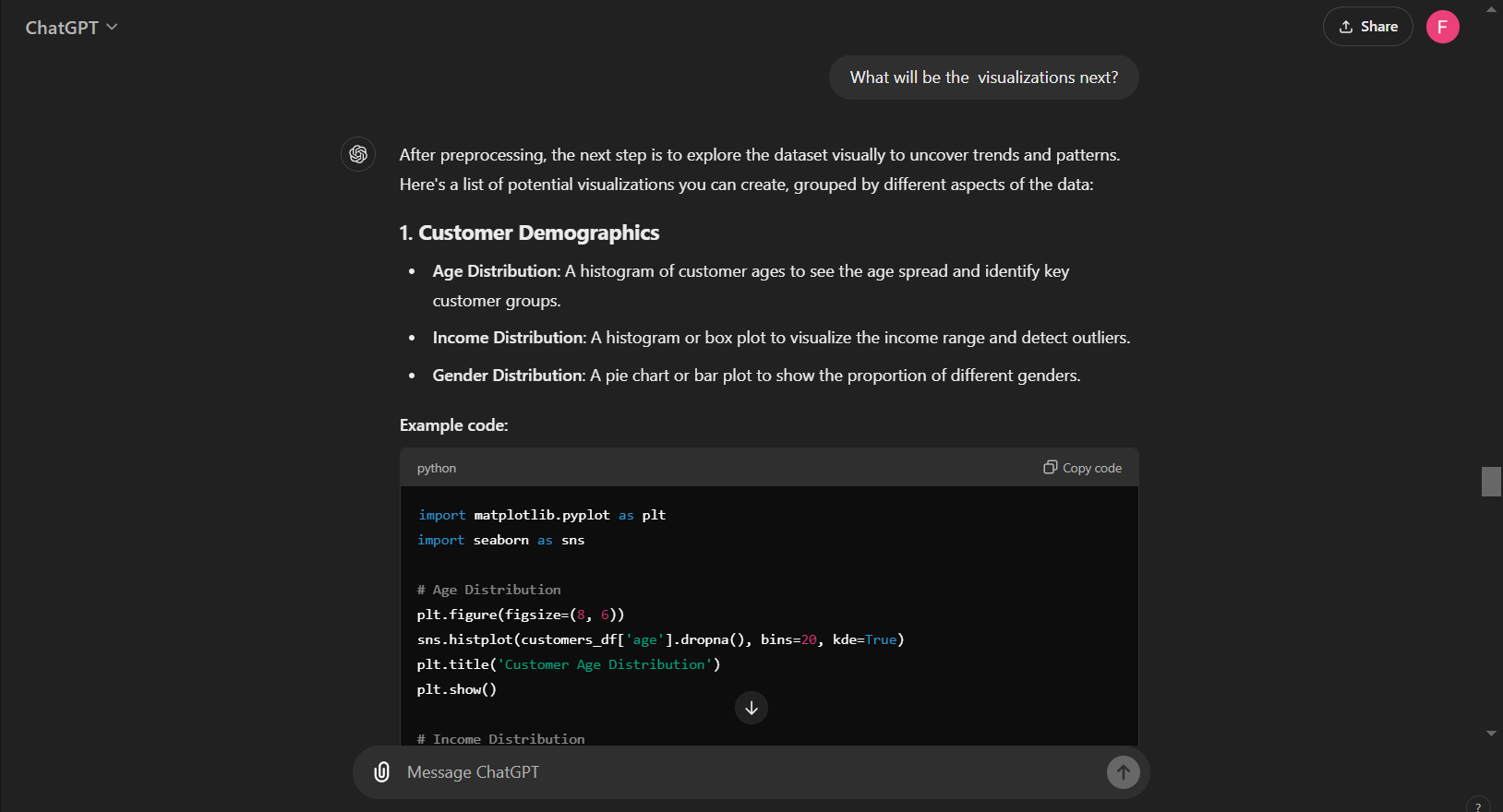


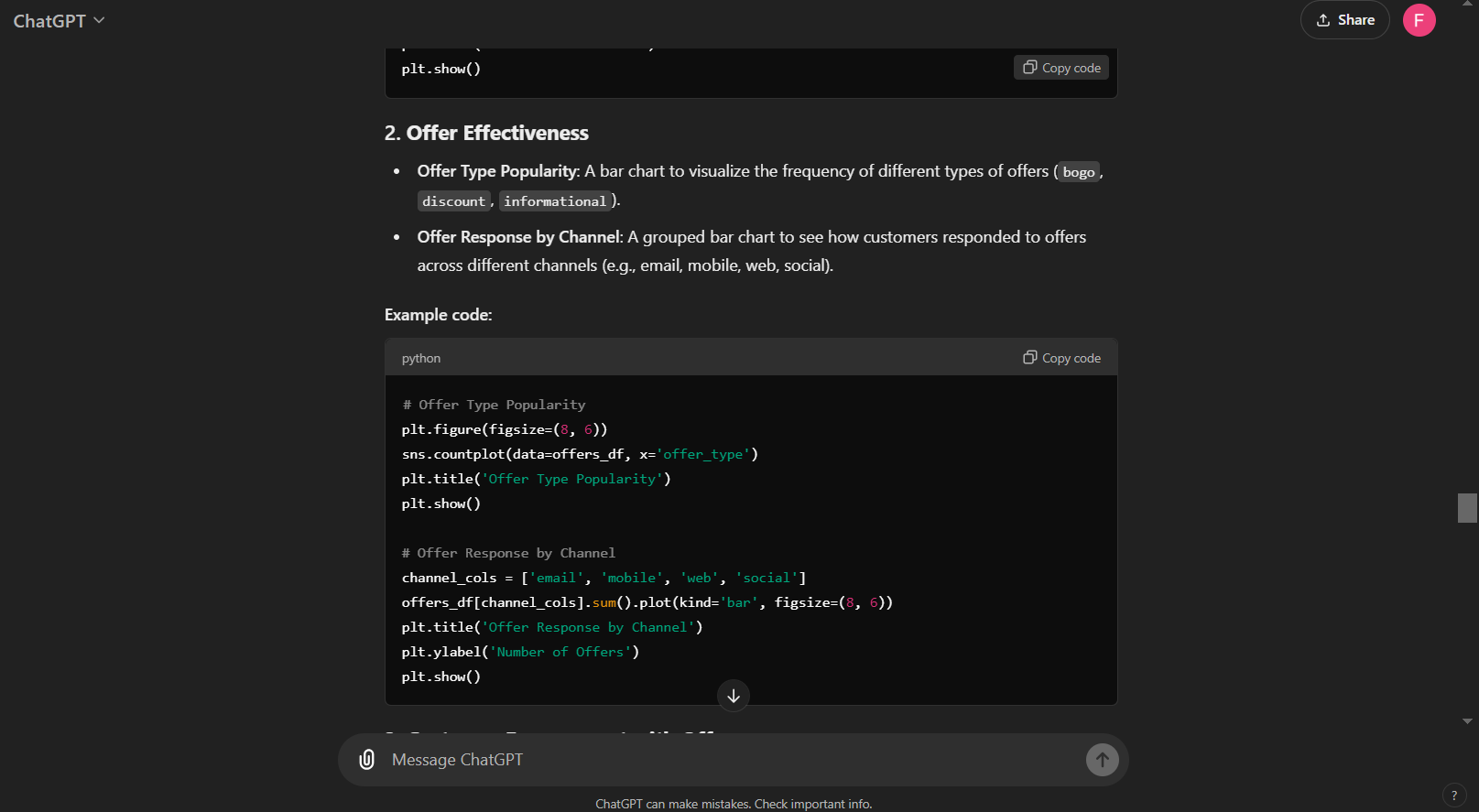


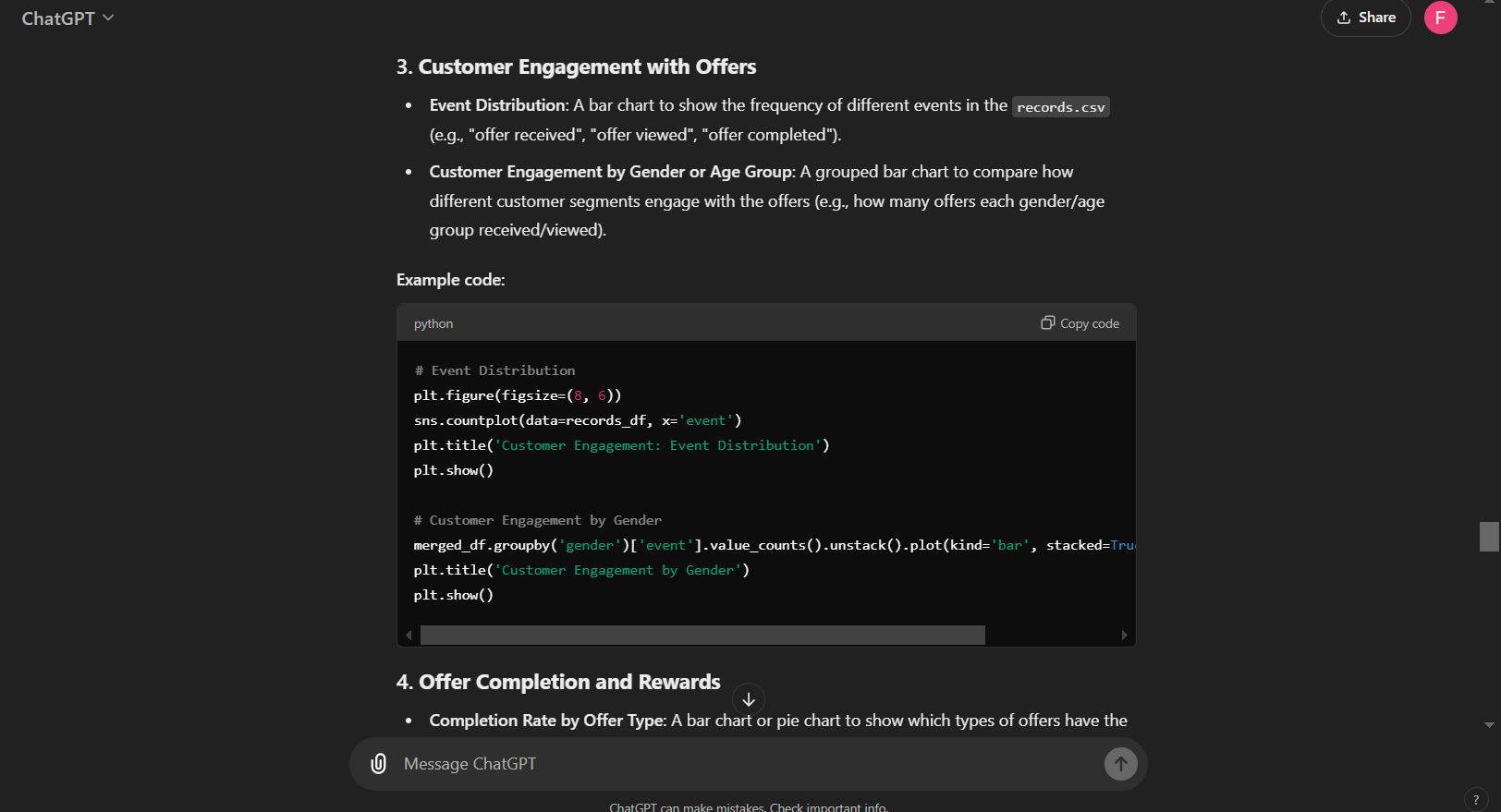


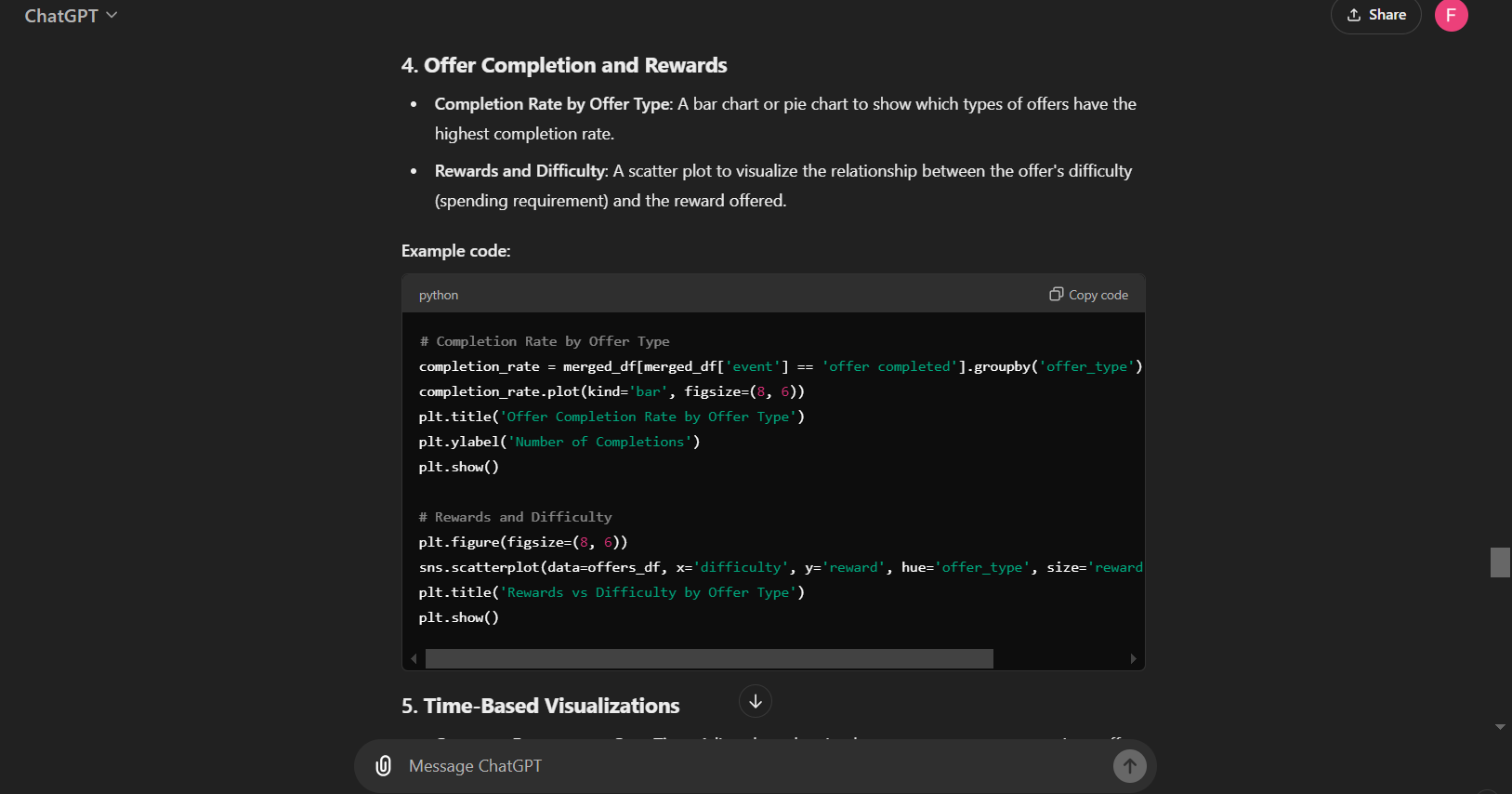


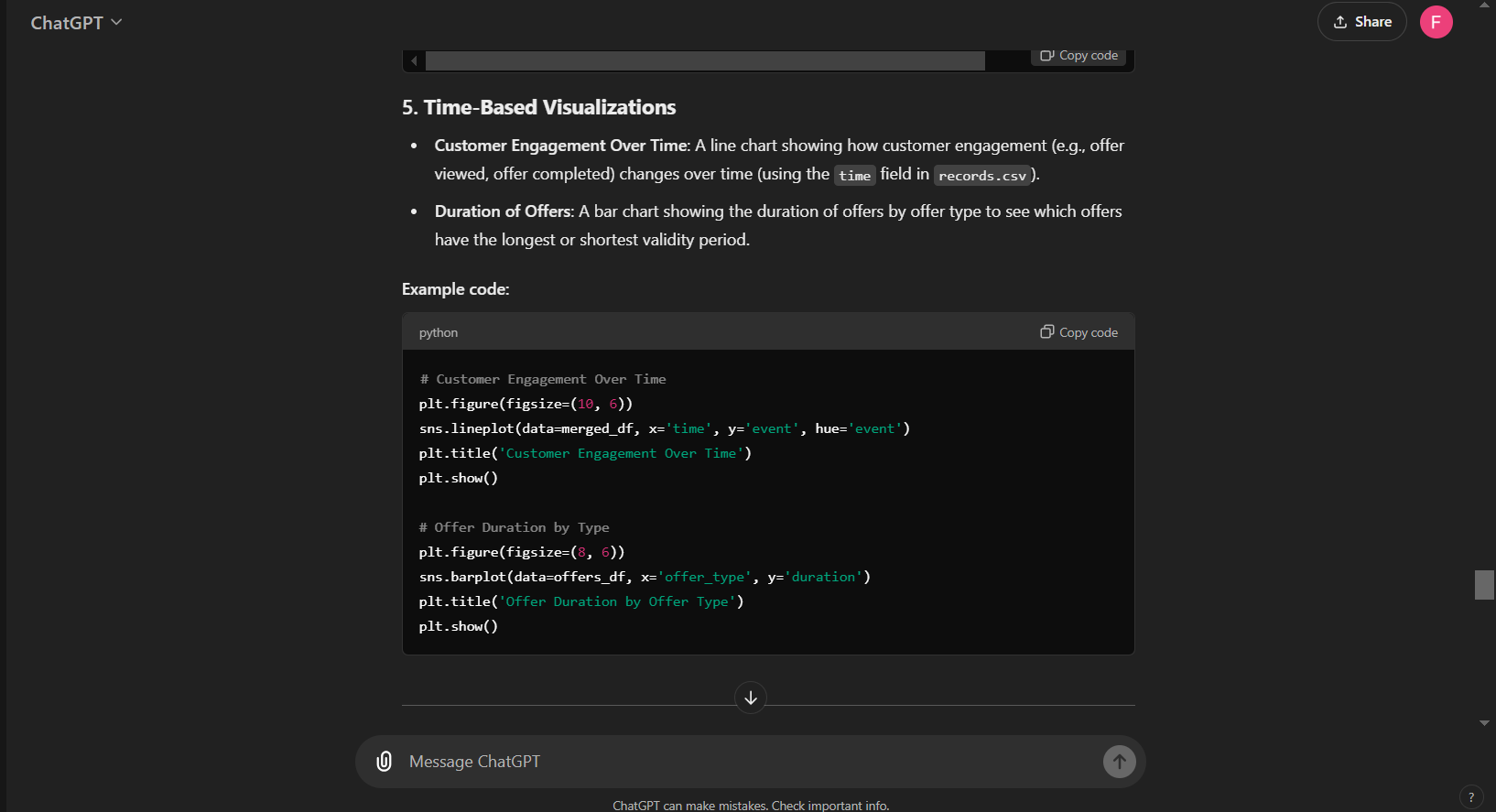
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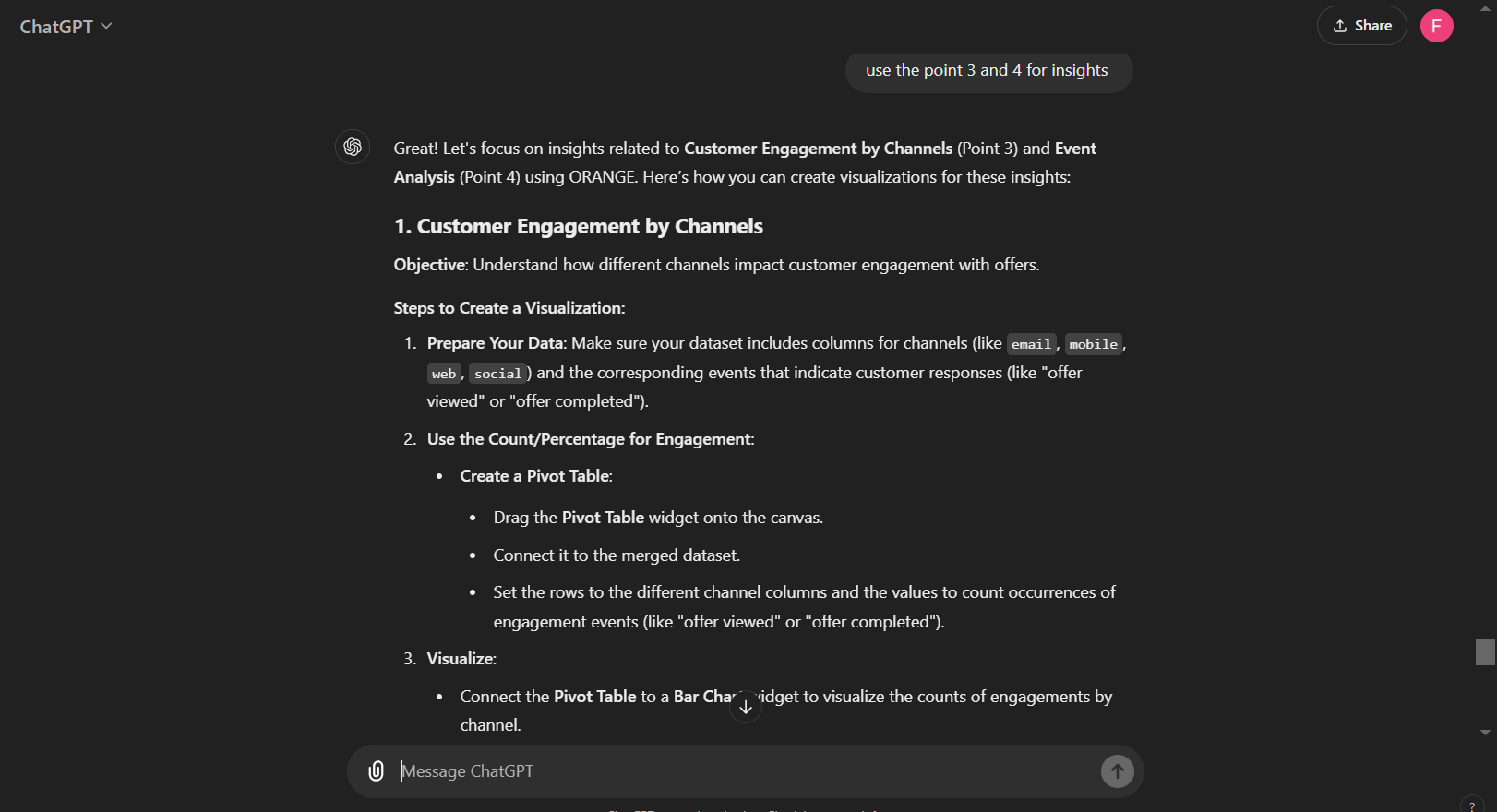


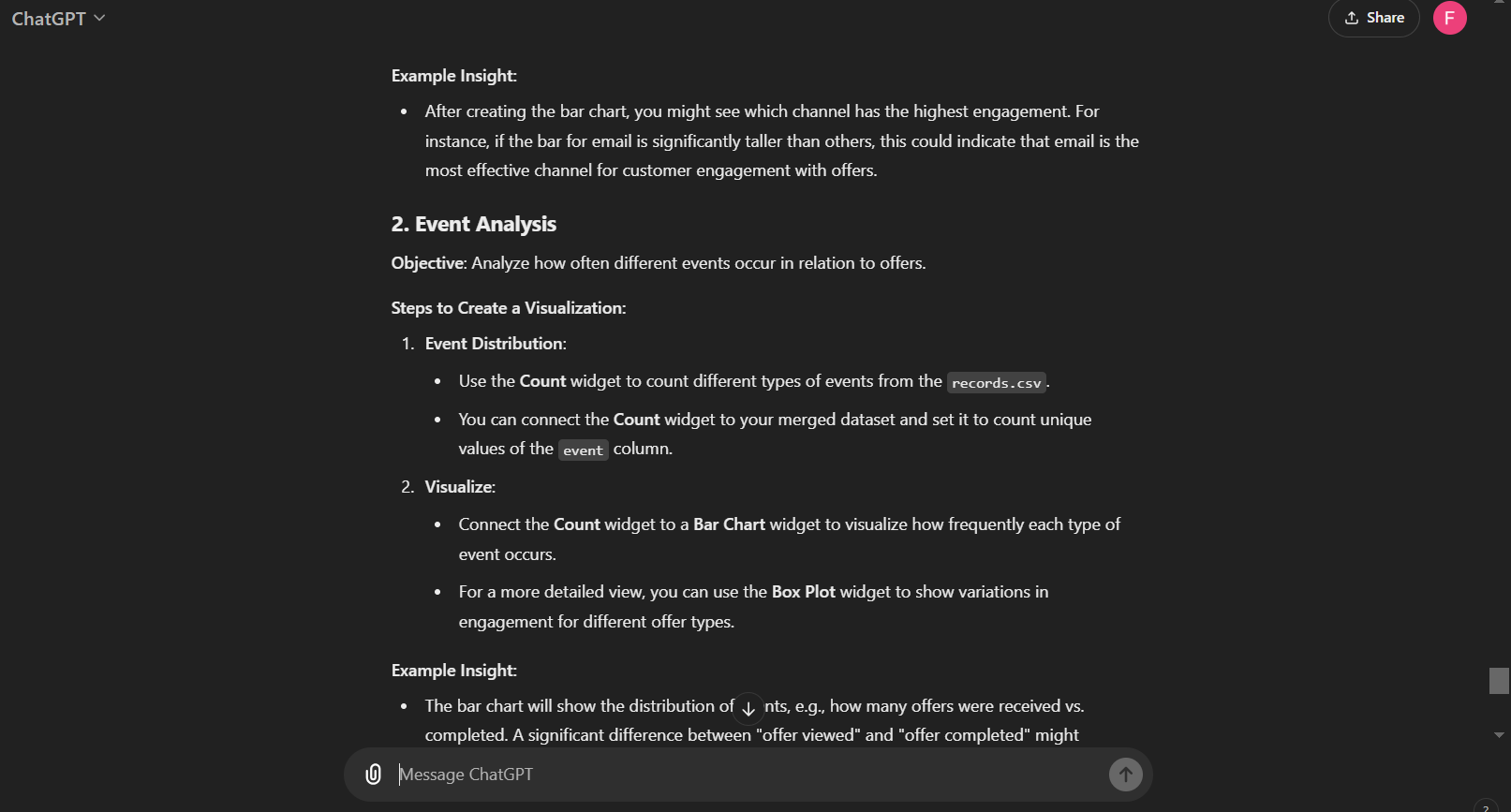


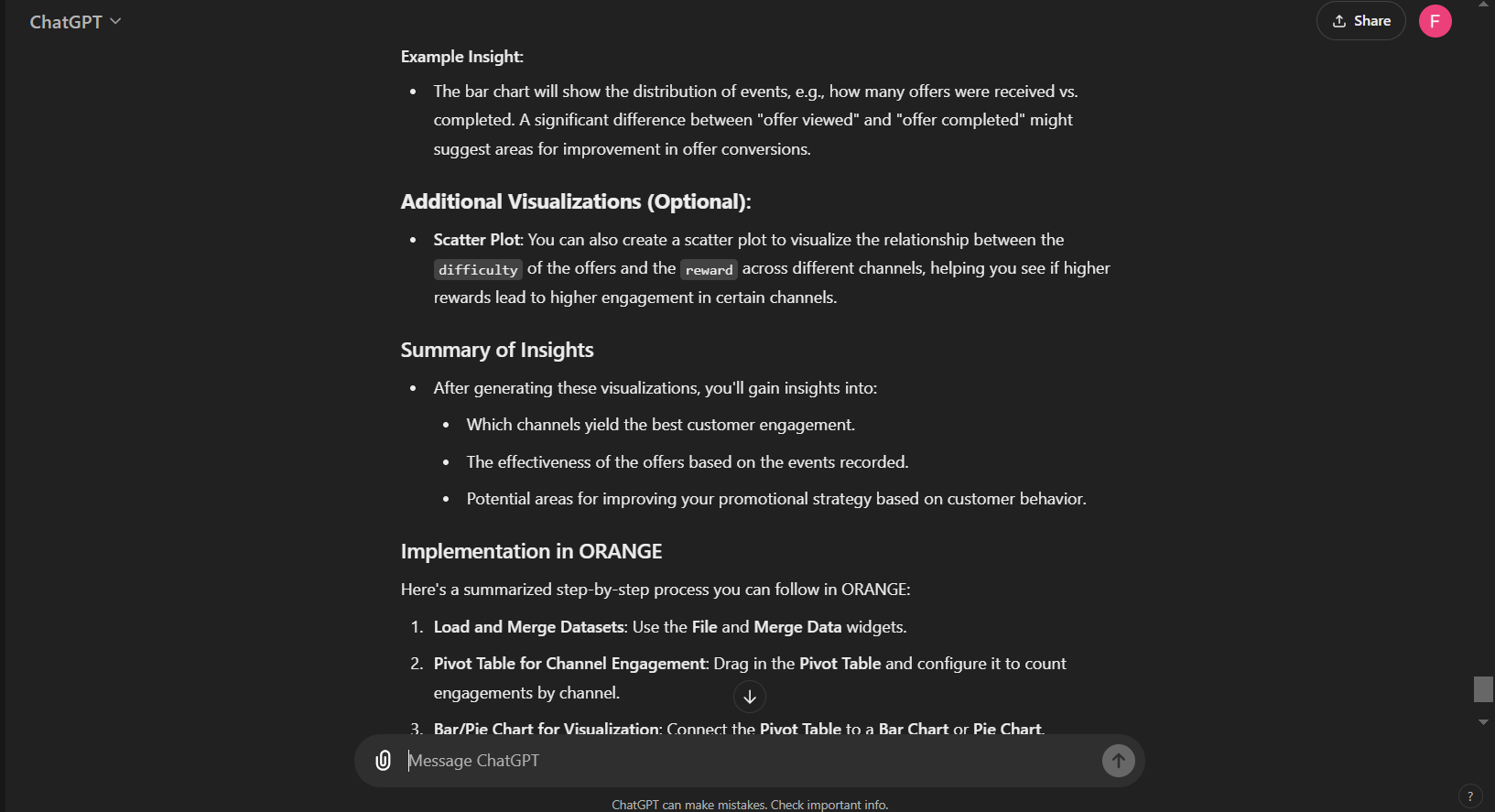


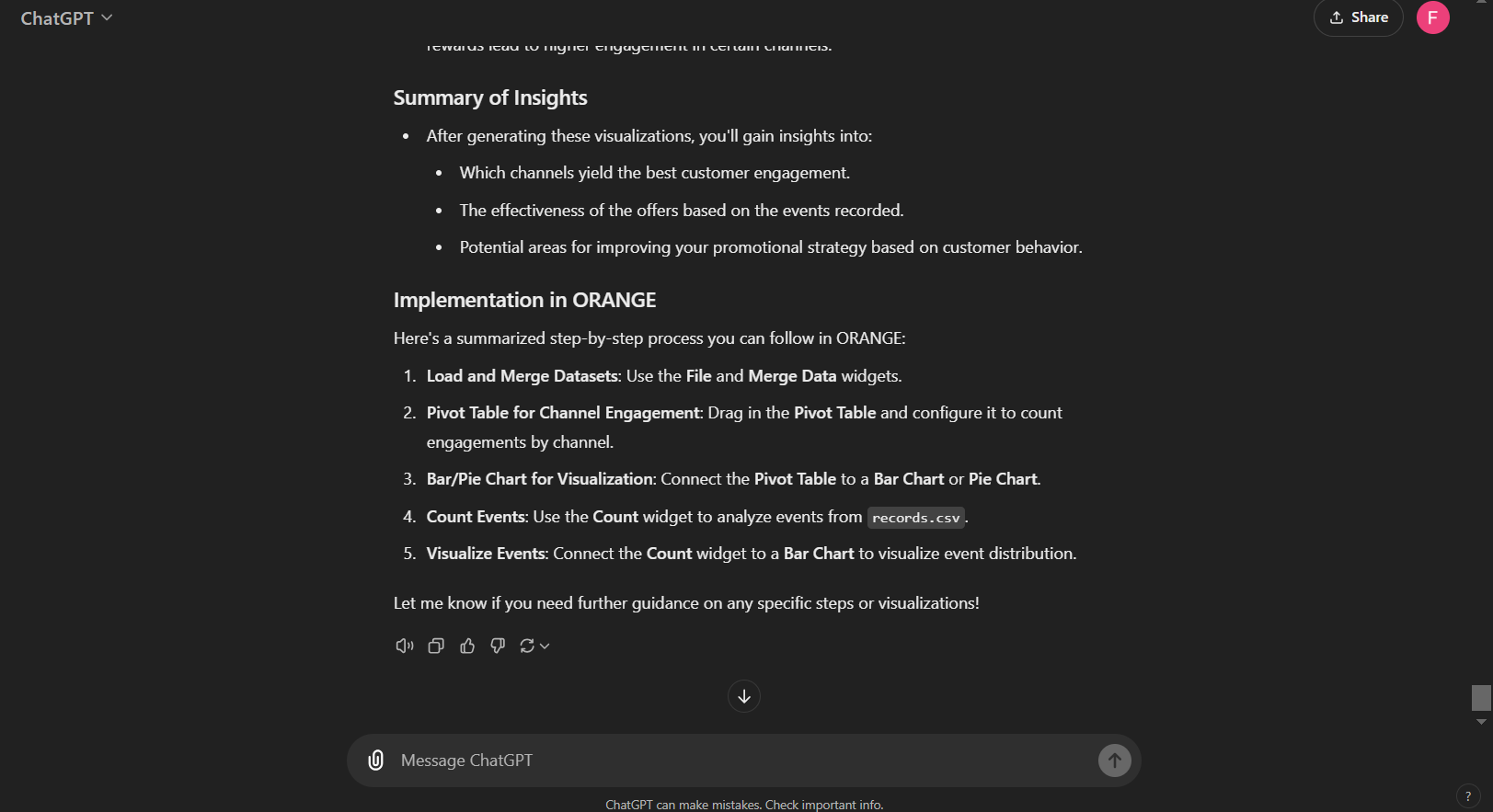










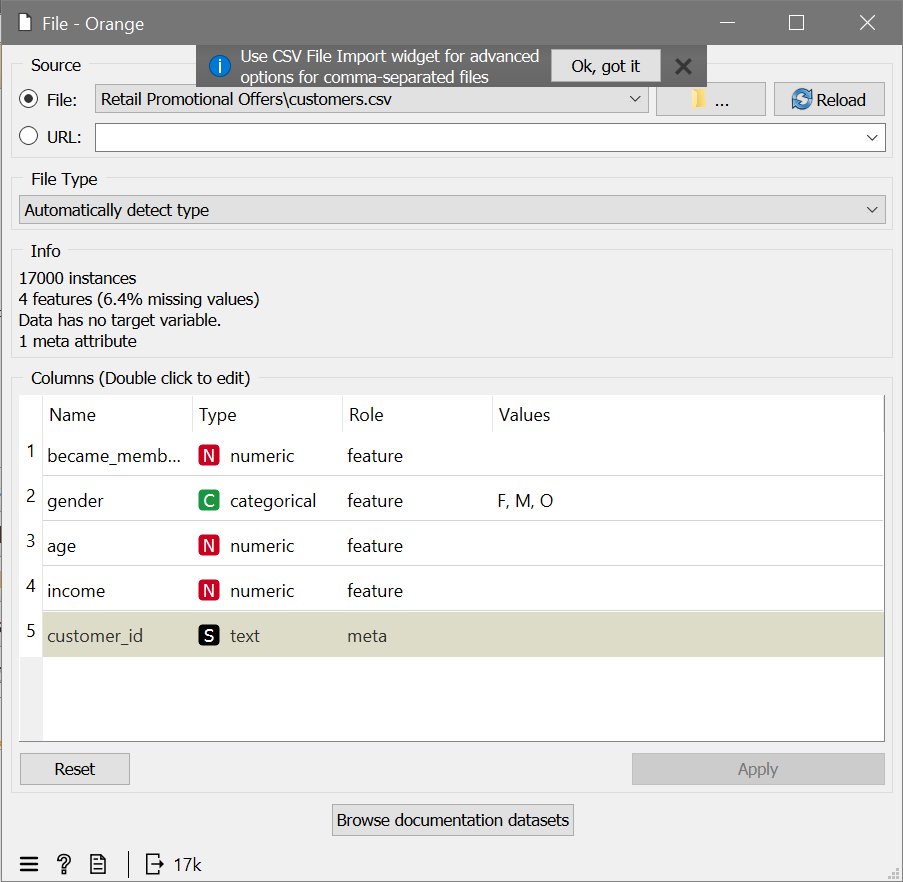


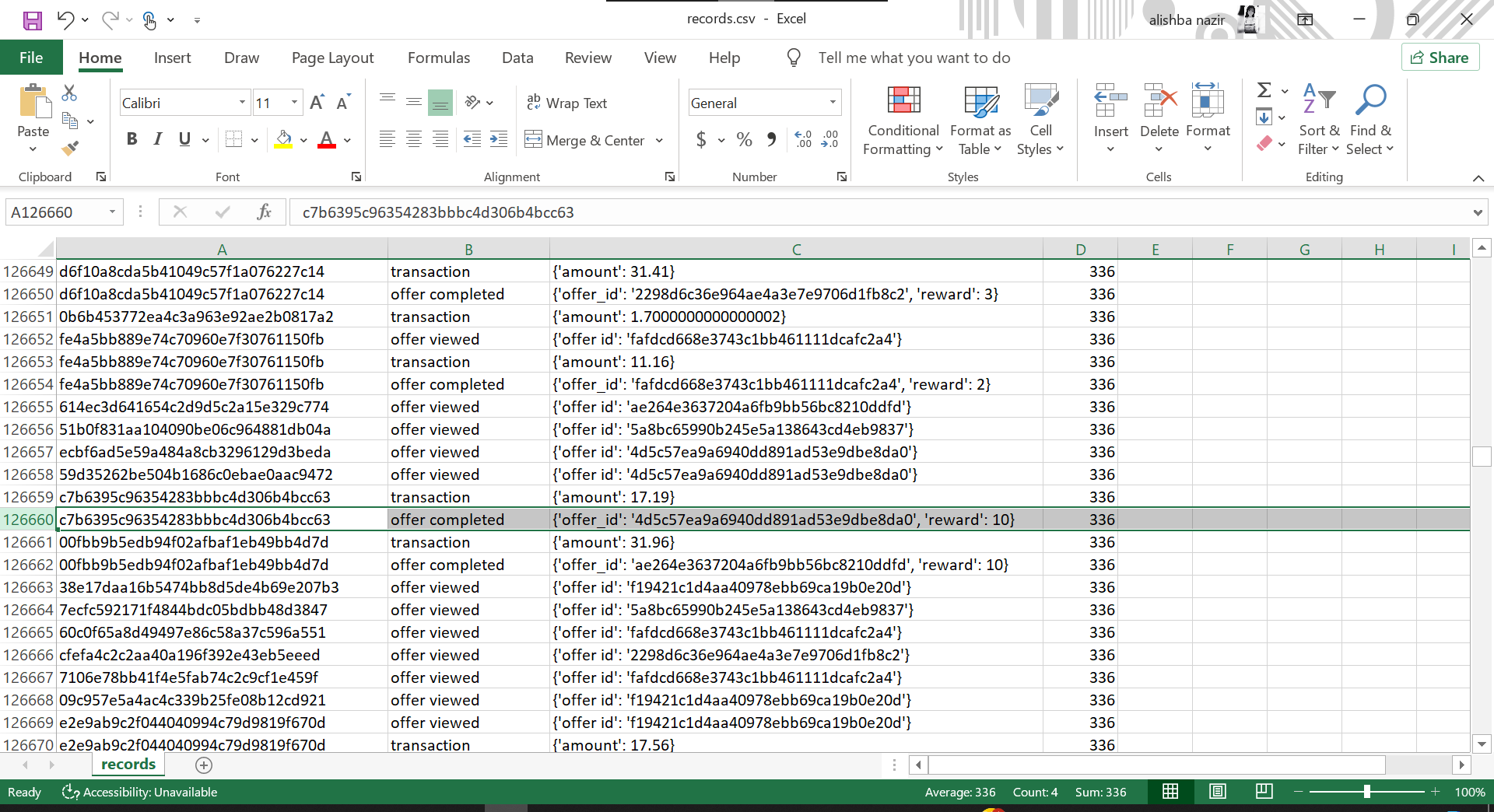
Complete Transcript:

<https://chatgpt.com/share/66f8f520-1f14-8011-9c75-32897e7aff69>

**Task – 3**

**Using Orange Tool**

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