Class Exercise:

Files v1

You are a data analyst working for a retail company. Your manager has assigned you a task to analyze the sales data of various products. You have been provided with a file named **"sales\_data.txt"** that contains the sales data in the following format:

**Product Name,Quantity,Price**

Your task is to create a Python class called **"SalesDataAnalyzer"** that performs the following operations:

1. Read the sales data from the file using a file iterator.
2. Calculate the total revenue generated from the sales data.
3. Find the product with the highest quantity sold.
4. Find the average price of all products.
5. Write the calculated statistics to a new file named **"sales\_summary.txt"**.

class SalesDataAnalyzer:

    def \_\_init\_\_(self, file\_path):

# Your code here

    def analyze\_sales\_data(self):

# Your code here

# Usage example:

analyzer = SalesDataAnalyzer('sales\_data.txt')

analyzer.analyze\_sales\_data()

Expected output:

Total Revenue: $2475.00

Highest Quantity Sold: Product B - 50 units

Average Price: $16.50