

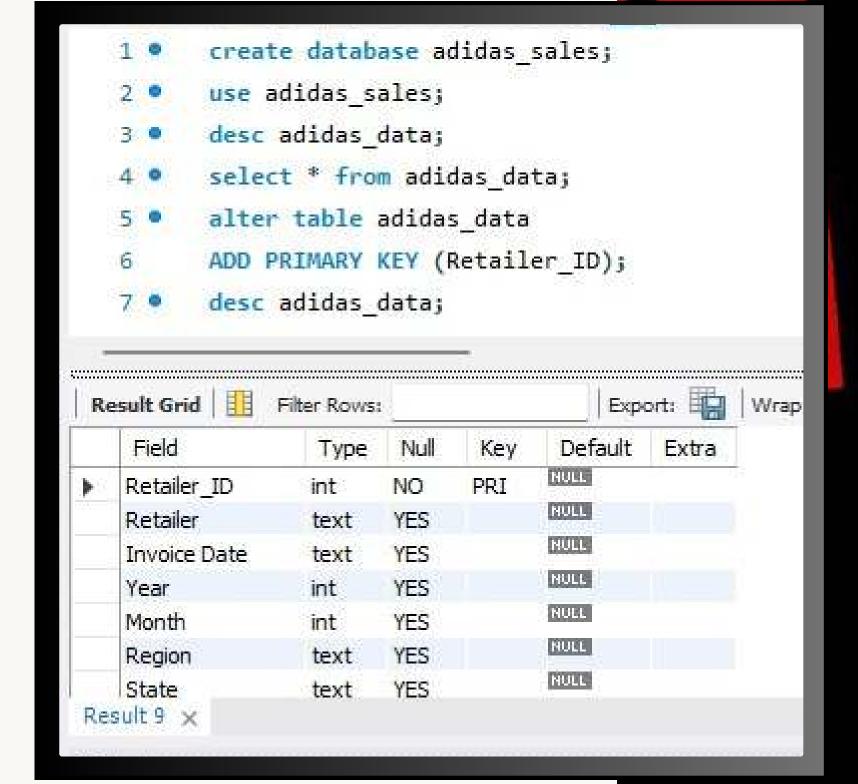




The primary objective is to perform an in-depth analysis of the Adidas sales dataset, addressing key questions related to retailers, units sold, product category wise, and more.

The scope includes data cleaning, and creating supporting tables for detailed analysis. We will also explore trends in operating profits, sales method, and more to provide actionable insights.

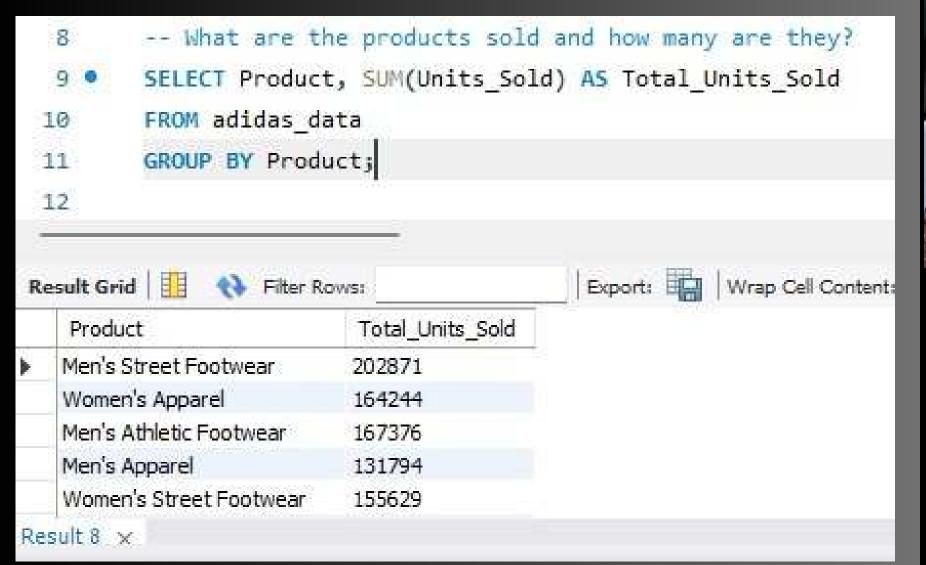








# What are the products sold and how many are they?



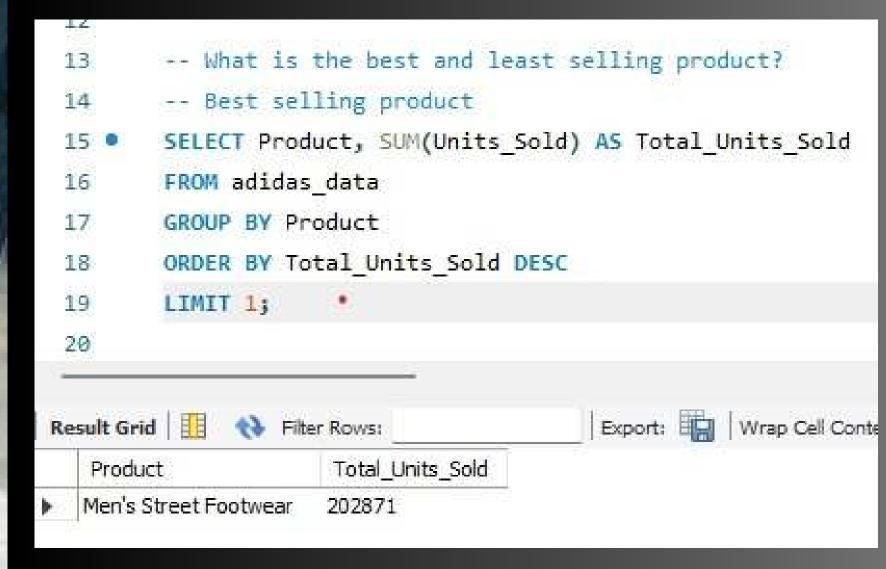


#### **KEY FINDINGS:**

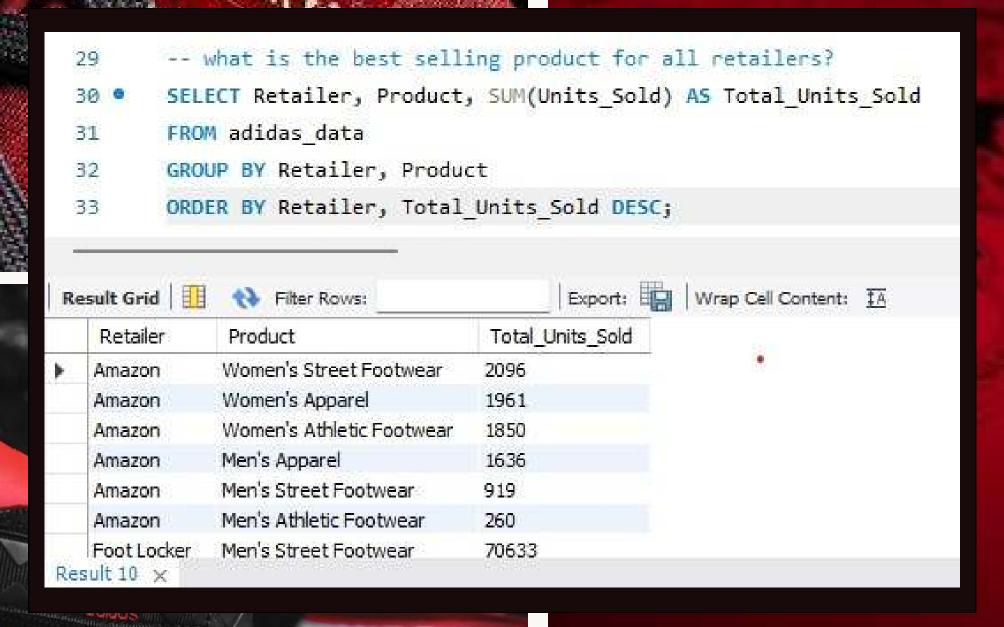
Men's Apparel, Women's Apparel, Women's Street Footwear, Men's Athletic Footwear, Women's Athletic Footwear and Men's Street Footwear are the products sold. They are 6 products in number.



```
SELECT Product, SUM(Units_Sold) AS Total_Units_Sold
         FROM adidas data
 23
 24
         GROUP BY Product
         ORDER BY Total_Units_Sold
 25
         LIMIT 1;
 26
Result Grid
                                                        Wrap Cell Conte
               Filter Rows:
                Total_Units_Sold
   Product
  Men's Apparel
                131794
```



#### LEAST SELLING PRODUCT





Retailer	Product	Total_Units_Sold
Foot Locker	Men's Street Footwear	70633
Foot Locker	Men's Athletic Footwear	53674
Foot Locker	Women's Apparel	49347
Foot Locker	Women's Street Footwear	47587
Foot Locker	Women's Athletic Footwear	37916
Foot Locker	Men's Apparel	36474
Kohl's	Men's Street Footwear	15834

Best selling product for Foot Locker is Men Street Footwear that is 70633 units.

Retailer	Product	Total_Units_Sold
Kohl's	Men's Street Footwear	15834
Kohl's	Women's Apparel	11216
Kohl's	Men's Athletic Footwear	11099
Kohl's	Women's Street Footwear	7943
Kohl's	Men's Apparel	7524
Kohl's	Women's Athletic Footwear	7141
Sports Direct	Men's Street Footwear	54106

Best selling product for Kohl's is Men Street Footwear that is 15834 units.



Best selling product for Sports
Direct is Men Street Footwear that
is 54106 units.



Retailer	Product	Total_Units_Sold
Walmart	Men's Apparel	8825
Walmart	Men's Street Footwear	8530
Walmart	Women's Apparel	8056
Walmart	Women's Street Footwear	6664
Walmart	Men's Athletic Footwear	6007
Walmart	Women's Athletic Footwear	5347
West Gear	Men's Street Footwear	52849
Result 10 x		

Best selling product for Walmart is Men's Apparel that is 8825 units.

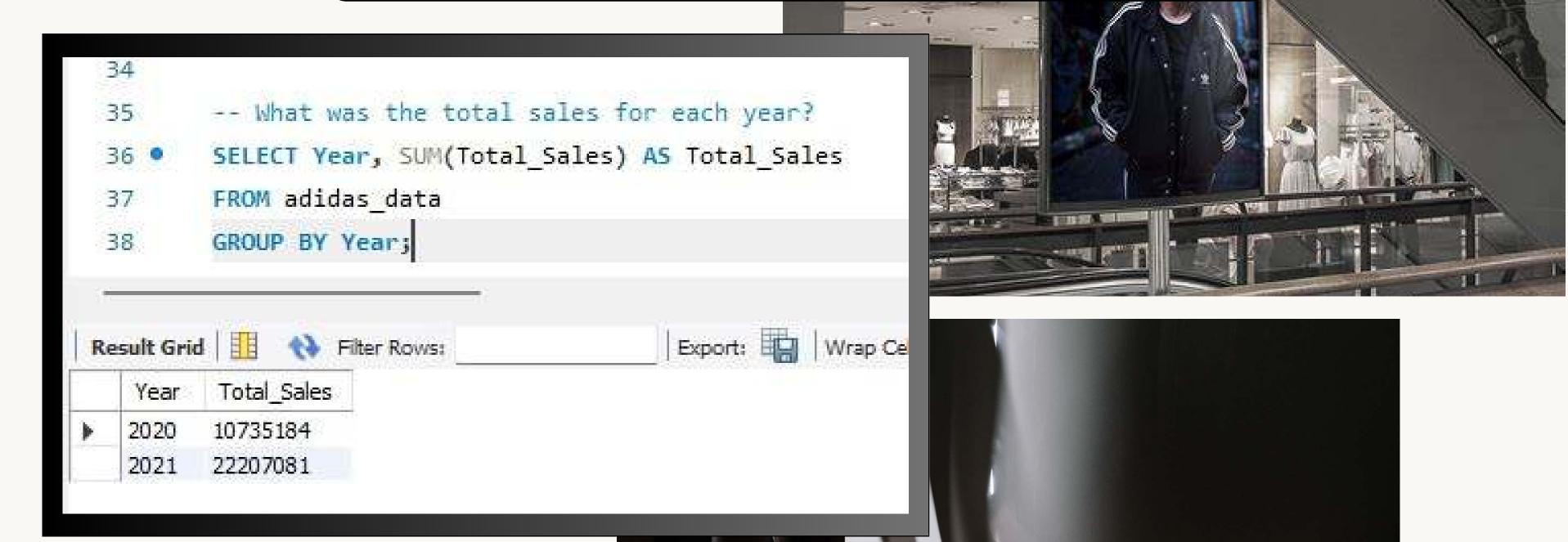
Retailer	Product	Total_Units_Sold
West Gear	Men's Street Footwear	528 <del>49</del>
West Gear	Men's Athletic Footwear	47631
West Gear	Women's Street Footwear	45184
West Gear	Women's Apparel	44007
West Gear	Women's Athletic Footwear	38532
West Gear	Men's Apparel	36014

Best selling product for West Gear is Men Street Footwear that is 52849 units.

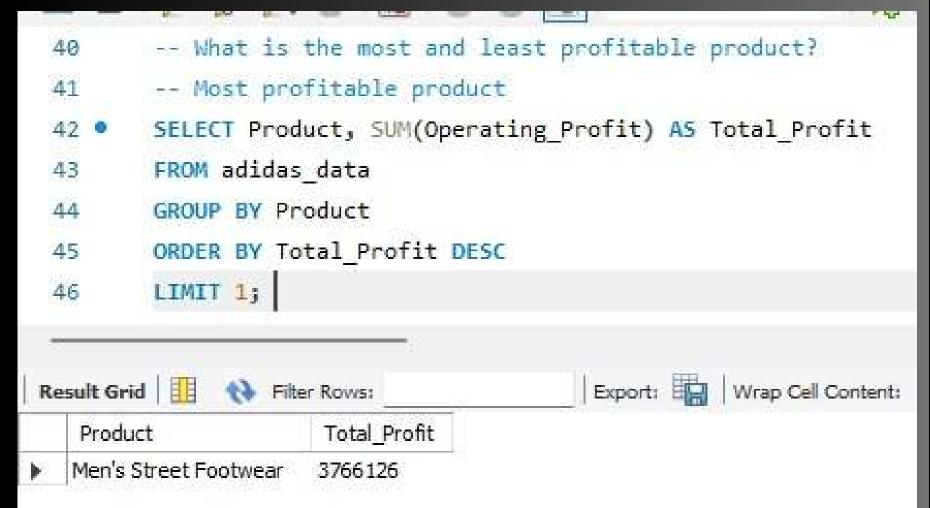
Result 10 ×

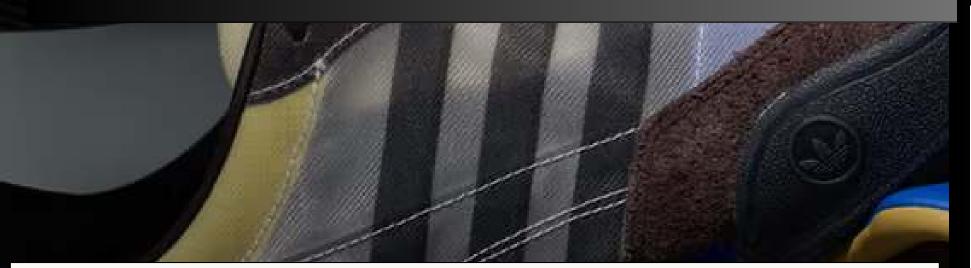


## What was the total sales for each year?



In 2021, \$22,207,081 was realised from sales, a 106% increase from the previous year.



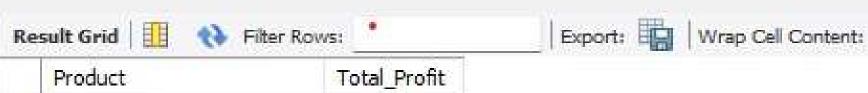


### **Least Profitable Product**

# Most Profitable Product

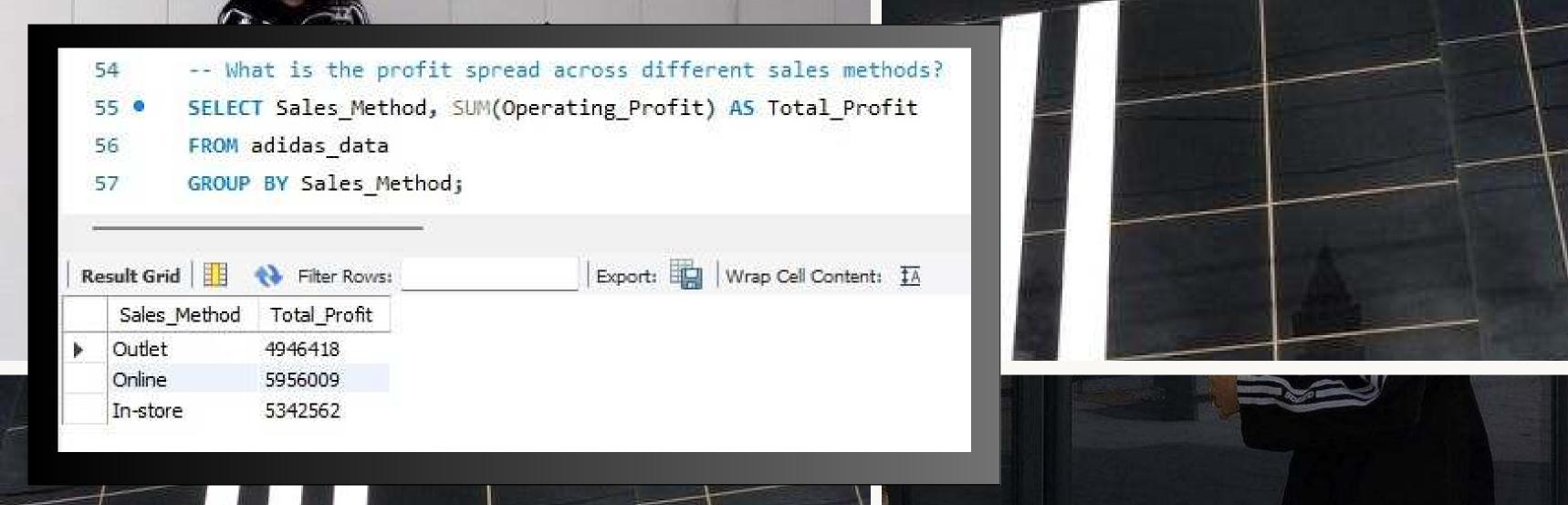


- 47 -- Least profitable product
- 48 SELECT Product, SUM(Operating\_Profit) A5 Total\_Profit
- 49 FROM adidas\_data
- 50 GROUP BY Product
- 51 ORDER BY Total\_Profit ASC
- 2 LIMIT 1;



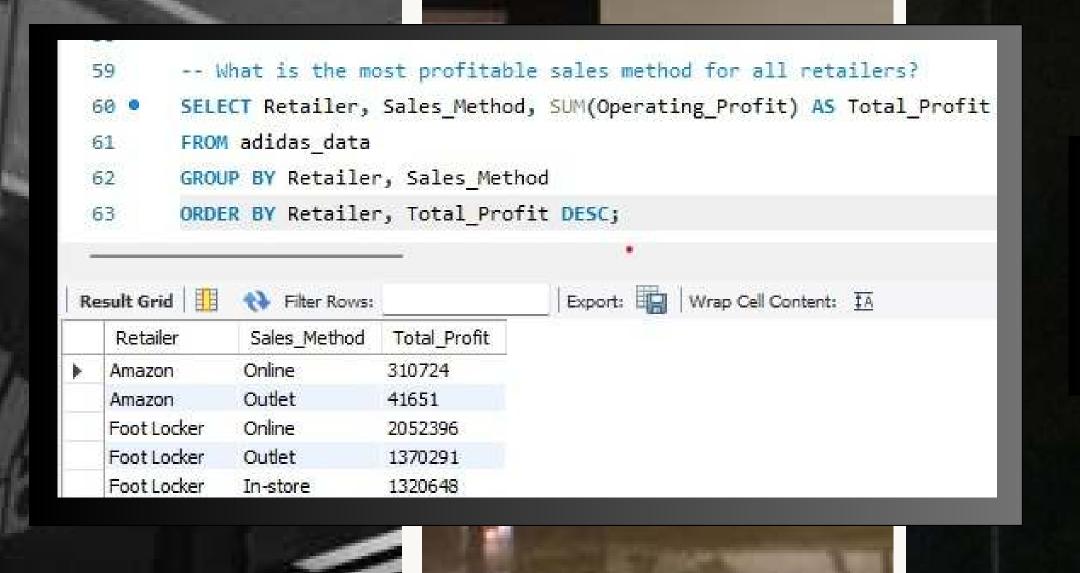
Women's Athletic Footwear 1977951

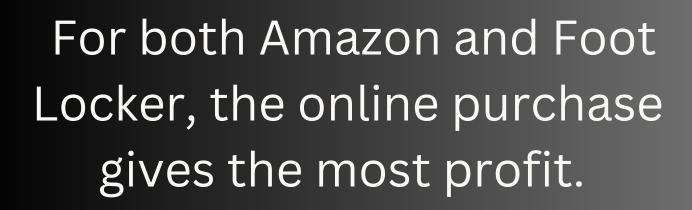
#### What is the profit spread across different sales methods?

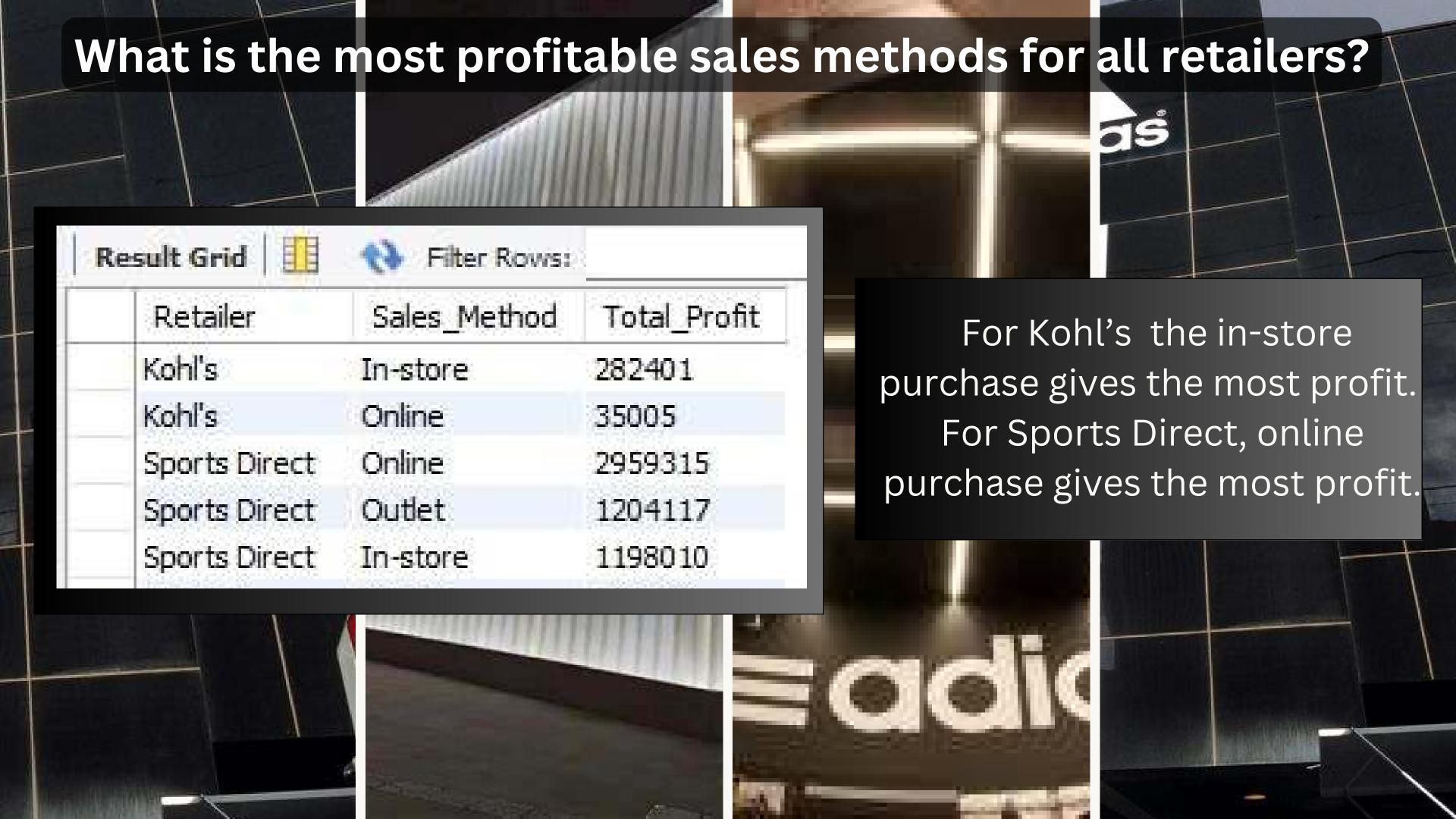


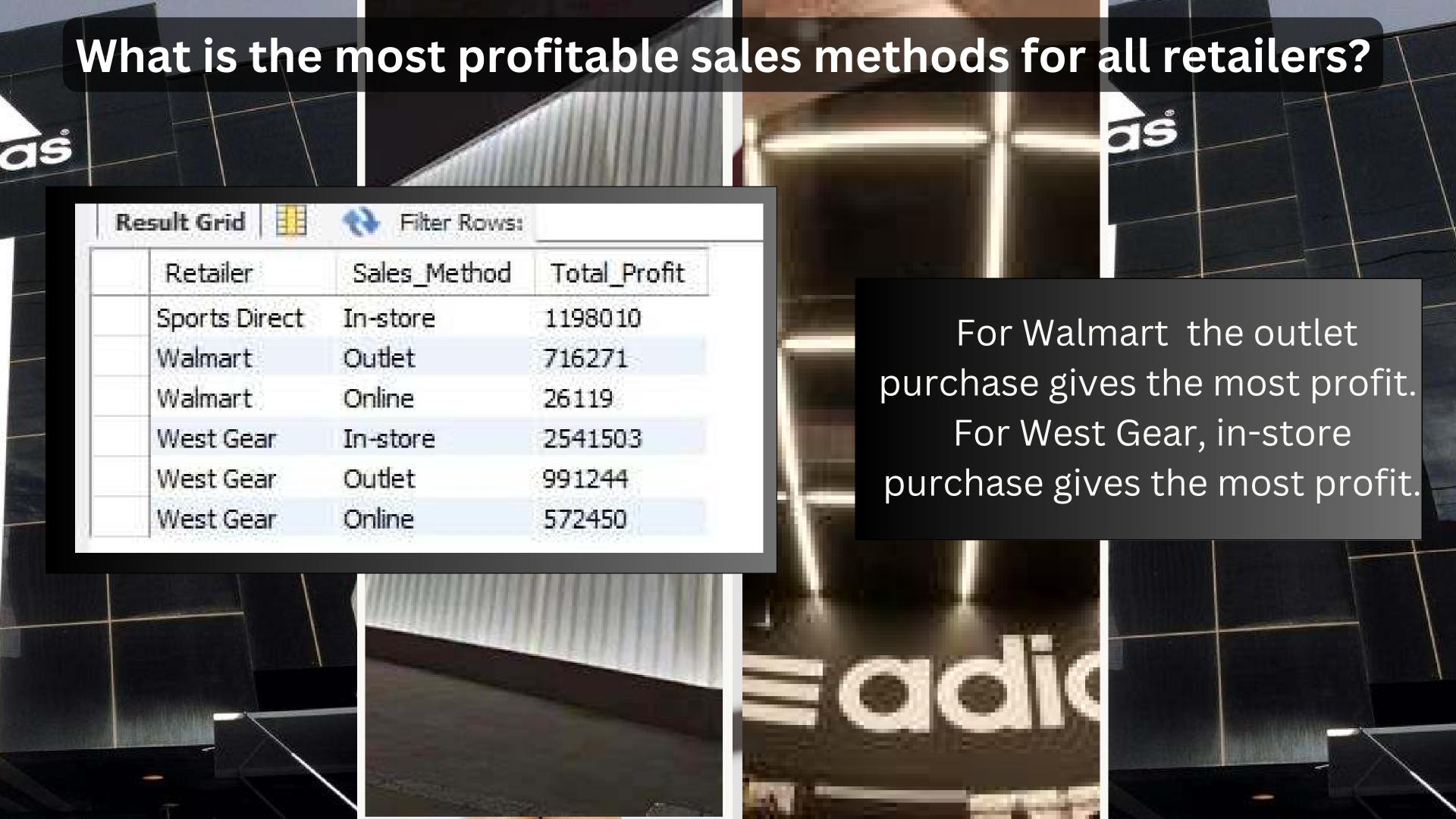
The online purchase method accounted for the highest profit, in-store, the second most profitable while the outlet purchase accounts for the least, with \$5.95m, \$5.34m and \$4.94m profits respectively.

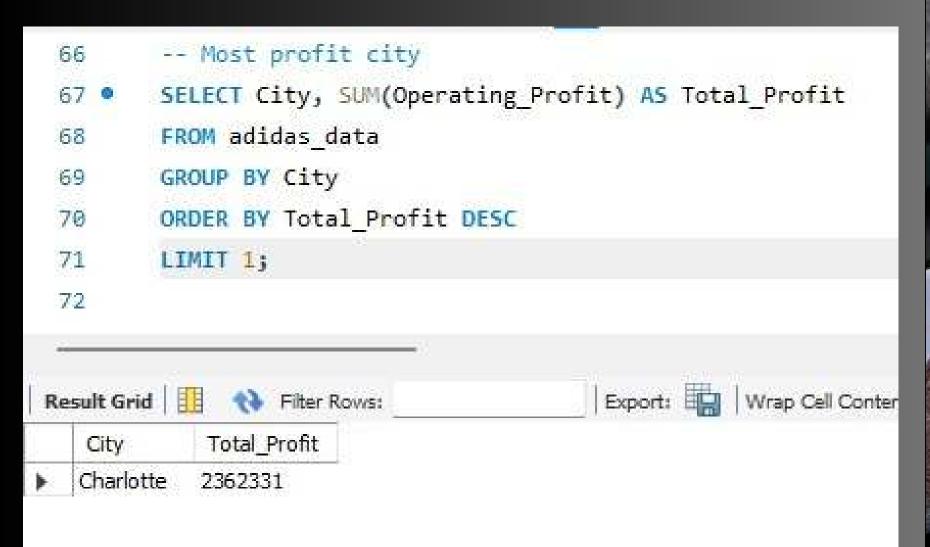




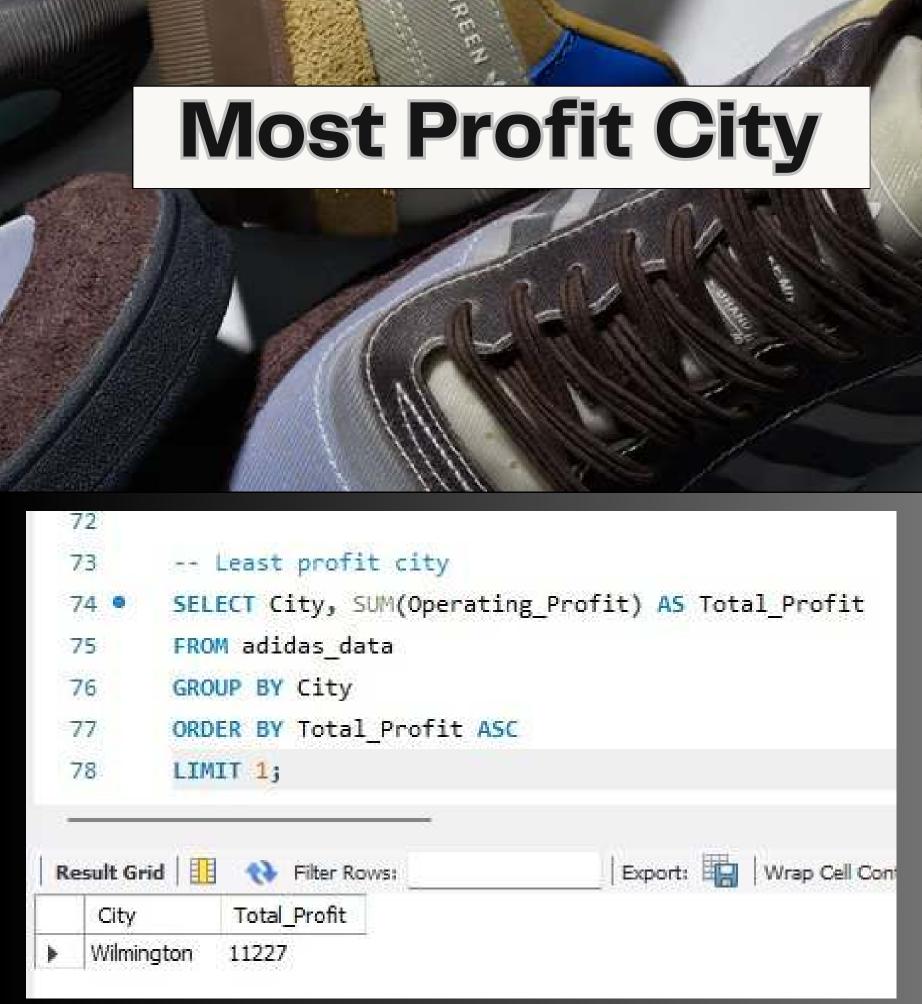




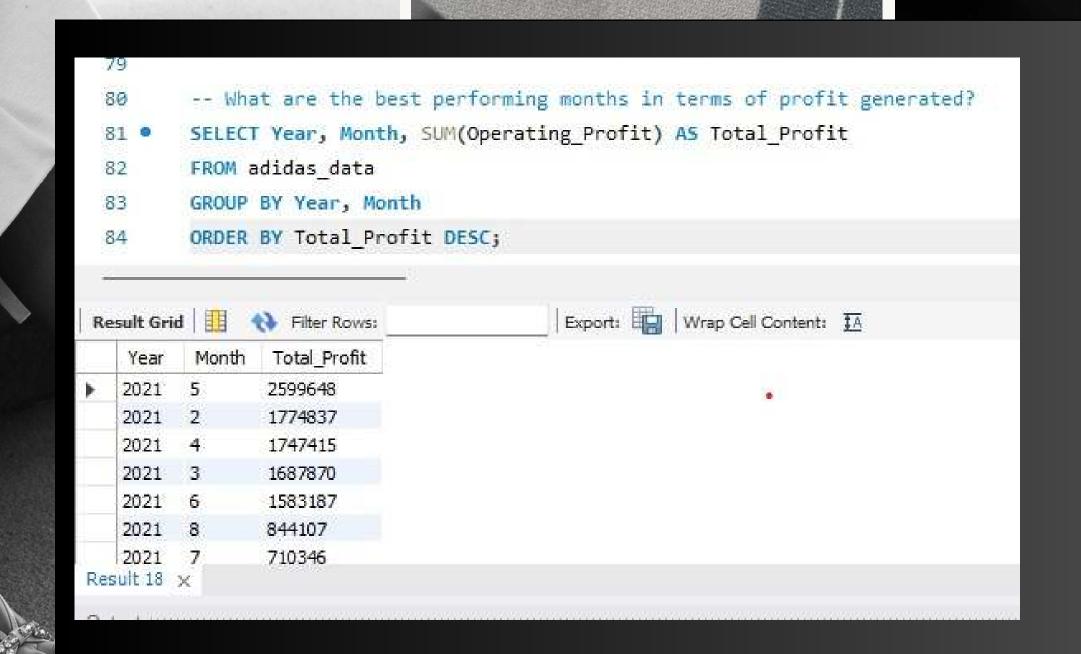








#### What are the best performing months in terms of profit generated?



Year	Month	Total_Profit
2021	7	710346
2020	10	520324
2020	4	492781
2020	7	477040
2020	3	465665
2020	6	448365
2020	5	424352

Highest profit of \$2.59m was made in the month of May in 2021 as compared in year 2020, highest profit of \$0.52m was made in month of October.





## Recommendations

- Promote Best-Selling and High-Profit Products: Focus marketing on top-selling and most profitable products, and introduce new variants to maintain interest.
- Optimize Sales Channels: Invest more in high-profit channels like online sales while enhancing in-store experiences and running outlet promotions for underperforming products.
- Tailor Marketing by Region and Retailer: Customize product offerings and marketing campaigns based on regional and retailer-specific demand to maximize sales.
- Expand in High-Performing Cities: Open new locations or strengthen campaigns in cities generating the most profit while improving inventory management in underperforming areas.



stratos reflection of passion

