## **EDS ACTIVITY**

- Name Vedant Patil
- Division CS2
- Roll no. CS2-02
- PRN 202401040209
- Dataset Sales Dataset

0	Laptop	North	120	700	2024-01-31	84000
1	Tablet	South	85	300	2024-02-29	25500
2	Smartphone	East	150	500	2024-03-31	75000
3	Printer	West	60	150	2024-04-30	9000
4	Monitor	North	90	200	2024-05-31	18000
5	Keyboard	East	200	50	2024-06-30	10000
6	Mouse	South	300	30	2024-07-31	9000
7	Headphones	West	130	80	2024-08-31	10400
8	Webcam	North	75	100	2024-09-30	7500
9	Charger	East	160	25	2024-10-31	4000

```
[3] # 1. Total number of products sold (sum of units)
     sales_df['units_sold'].sum()
→ np.int64(1370)
[4] # 2. List all unique products
     sales_df['product'].unique()
→ array(['Laptop', 'Tablet', 'Smartphone', 'Printer', 'Monitor', 'Keyboard', 'Mouse', 'Headphones', 'Webcam', 'Charger'], dtype=object)
[5] # 3. Find the product with maximum units sold
     sales_df.loc[sales_df['units_sold'].idxmax()]
王
                                    6
       product
                               Mouse
                               South
        region
                                 300
      units_sold
      unit_price
                                   30
      sale_date 2024-07-31 00:00:00
                                9000
       revenue
     dtype: object
```

















