Code 1: Monthly Sales Line Graph with Data Plot

Step 1: Mount Google Drive

```
from google.colab import drive
drive.mount('/content/drive')
```

Step 2: Import necessary libraries

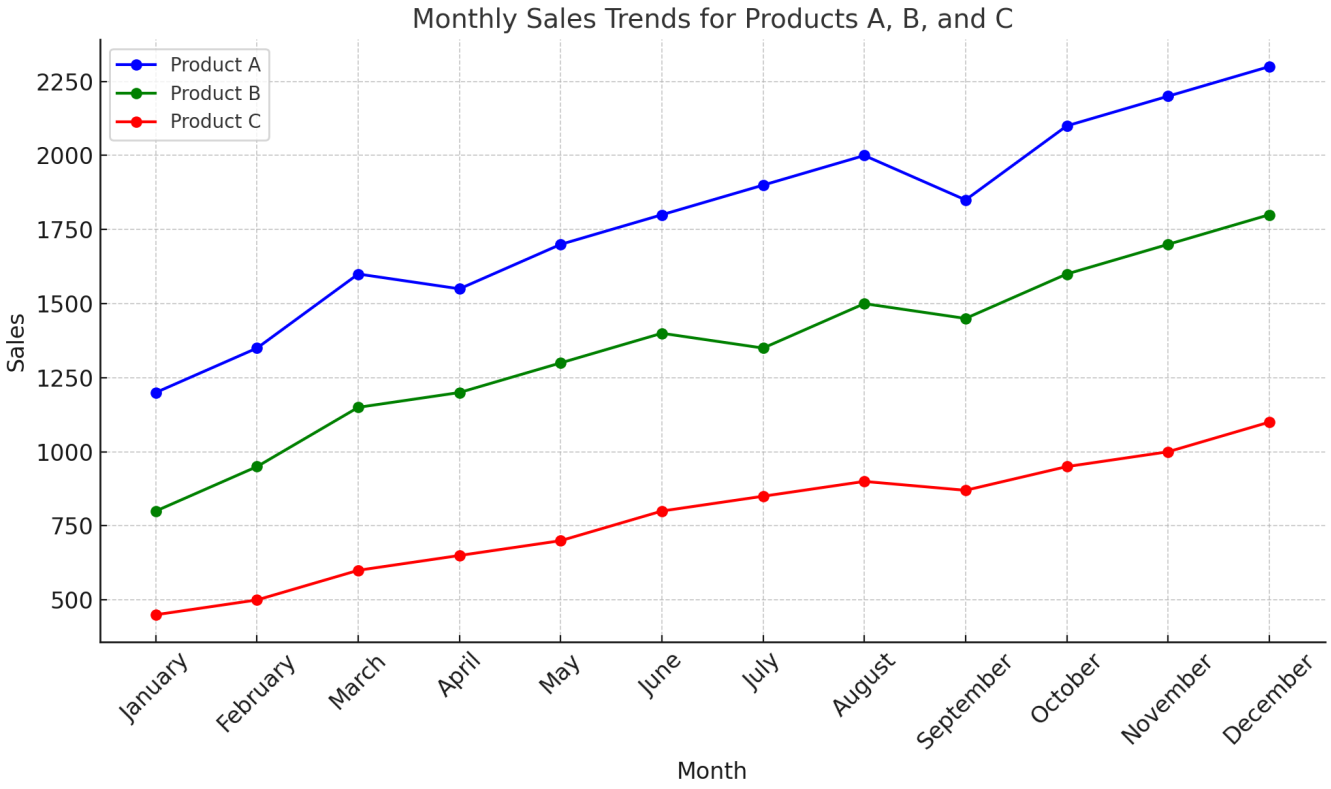
```
import pandas as pd
import matplotlib.pyplot as plt
```

Step 3: Load CSV

```
df = pd.read_csv('/content/drive/MyDrive/Colab Notebooks/Product_Sales_Data.csv')
```

Step 4: Plotting

```
plt.plot(df['Month'], df['Product_A'], label='Product A')
plt.plot(df['Month'], df['Product_B'], label='Product B')
plt.plot(df['Month'], df['Product_C'], label='Product C')
plt.legend()
plt.show()
```



Code 2: Prime Numbers Between a Given Range

```
import math

def is_prime(n):
    """Return True if n is a prime number, else False."""
    if n < 2:
        return False
    for i in range(2, int(math.isqrt(n)) + 1):
        if n % i == 0:
            return False
    return True

def print_primes_between(start, end):
    for num in range(start, end + 1):
        if is_prime(num):
            print(num, end=' ')
    print()

if __name__ == "__main__":
    low = int(input("Enter lower bound: "))
    high = int(input("Enter upper bound: "))
    print(f"Primes between {low} and {high}:")
    print_primes_between(low, high)
```

Code 3: Count Even, Odd, and Prime Numbers

```
import math

def is_prime(n):
    """Return True if n is a prime number, else False."""
    if n <= 1:
        return False
    for i in range(2, int(math.isqrt(n)) + 1):
        if n % i == 0:
            return False
    return True

def count_even_odd_prime(numbers):
    even = odd = prime = 0
    for num in numbers:
        if num % 2 == 0:
            even += 1
        else:
            odd += 1
        if is_prime(num):
            prime += 1
    return even, odd, prime

if __name__ == "__main__":
    input_str = input("Enter a list of integers separated by spaces: ")
    nums = list(map(int, input_str.strip().split()))
    even_count, odd_count, prime_count = count_even_odd_prime(nums)
    print(f"Even numbers count: {even_count}")
    print(f"Odd numbers count: {odd_count}")
    print(f"Prime numbers count: {prime_count}")
```