

```
In [3]: # 4.make relation between sales and profit using scatter plot(use grid)
import matplotlib.pyplot as plt

# Sample data: Sales and corresponding Profit
sales = [100, 200, 300, 400, 500, 600, 700, 800, 900, 1000]
profit = [10, 50, 96, 150, 200, 460, 490, 600, 710, 1000]

# Create scatter plot
plt.figure(figsize=(8, 6))
plt.scatter(sales, profit, color='blue', marker='o')
plt.title('Relation Between Sales and Profit')
plt.xlabel('Sales (in units)')
plt.ylabel('Profit (in currency)')
plt.grid(True) # Add grid for better readability

# Display chart
plt.show()
```

