

Experiment 2: Create a program to display the summary and statistics of the dataset.

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```
numerator = np.sum((x - x_mean) * (y - y_mean)) denominator  
= np.sum((x - x_mean)**2)
```

```
beta_1 = numerator / denominator
```

```
beta_0 = y_mean - beta_1 * x_mean
```

Estimated coefficients:

Intercept (beta0): 134.7827

Slope (beta1): 0.4723

Equation: Height \approx 134.78 + 0.47 \times Waist Girth

RMSE: 7.8304

