**Conclusion:**

In conclusion, the Simple Linear Regression worksheet has yielded important findings. The analysis revealed a significant slope interpretation. However, there is an absence of a meaningful intercept interpretation. Impressively, the model accurately predicted the winner, Sarah True, within a 12-minute range of her actual time, demonstrating its effectiveness in estimating performance. Furthermore, the exploration of using speed as an alternative variable showcased its potential usefulness and highlighted the value it can add to predicting and understanding performance outcomes. Overall, this worksheet has enhanced our understanding of the relationship between variables and the predictive capabilities of simple linear regression.

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