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Reflect on the Question ✓　　Analyze the Data ✓　　Draw Conclusions

Primary Research Question

What variable has the strongest linear relationship with Earnings: Percentage rides or Cup points?

(7/8 points)

Write Your Conclusion

Answer the question and support your answer with statistics:

An initial examination of the relationships between Ride Percentage (RidePer) and Earnings, and Cup Points (CupPoints) and Earnings showed that Cup Points had the [stronger]   stronger   relationship to Earnings. Ride Percentage and Earnings showed a correlation value of [0.619]   0.619   while Cup Points and Earnings had a correlation value of [0.674]   0.674   . Visual examination showed an [outlier]   outlier   in both relationships—a rider who has earned over 1 million dollars. Removal of this increased the initial relationship: Ride Percentage and Earnings now had a correlation value of

0.814   0.814   and Cup Points and Earnings had a correlation value of 0.904   0.904   . Cup Points   Cup Points   still had the higher relationship to Earnings. Visual examination showed a weak linear relationship good linear relationship   good for both Ride Percentage and Cup Points, indicating the correct use of the correlation coefficient.

Help

Hide Answer   *You have used 1 of 1 submissions*

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