Courseware   **Course Info**   **Discussion**   **Syllabus**   **Download R and RStudio**   **R Tutorials**   **Readings**   **Contact Us**

Progress   **Office Hours**   **Community**

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.

Hide Answer   *You have used 1 of 1 submissions*

Help

About edX

About

News

Contact

FAQ

edX Blog

Donate to edX

Jobs at edX

Follow Us

Twitter

Facebook

Meetup

LinkedIn

Google+

03/10/2015 01:43 PM

Help