

This video goes over data, variables, statistics, and the who, what, where, when, why, and how of data.

Exploring what happens at impact using Skytrak. Friday, 1 June Gamegolf vs MyRoundPro vs Shotscope V2 Part 1 Introduction In order to improve on course performance it is necessary to understand strengths and weaknesses within your game. That way you can practise hardest on weaknesses to try and improve overall. There are now a variety of options available for shot tracking but the way data is captured and stats produce vary significantly. Method Play golf 13 holes using Shotscope V2 and record putting distances manually to check for accuracy. Compare the resulting data. When you hole out hold the watch over the hole and enter the number of putts taken. The data syncs via bluetooth to a mobile phone or via usb cable to a PC. For high accuracy putt distances to hole should be captured separately. GGis somewhat intrusive needing to tag every shot , but the process is slick and reliable. The unit is small and unobtrusive. MRP with Microsoft Band was pretty good in my experience, although it didnt know which club was hit so you had to manually capture this separately. No tagging was required so the experience was unintrusive. The problem with this approach was the Microsoft Band or more specifically the band of the Microsoft Band - they split! I split 3 bands before giving up, it just wasnt fit for purpose. The mobile app is fairly slick but I dont want to play golf with a mobile phone in my pocket, let alone needing to use it after every shot. Accuracy Subjective All options appear pretty accurate in terms of tagging location. Shotscope doesnt guess it is reliant only on the accuracy of its GPS signal and in my experience it got this pretty close most of the time. Distance to hole is shown when moving putts which is incredibly useful when you have recorded putt distances to the hole. Frustratingly it shows shot distance, not distance to hole when moving shots. If you need to adjust a putt location this is very difficult. If the lie is incorrect e. MRP can only be edited on a mobile device. It used to be possible to edit on a PC but for some unfathomable reason Taylormade removed the website. As a positive it does show distance to hole when placing putts. I raised a support ticket at 10pm and by 10am the next day this was answered. I have raised a few tickets about rounds disappearing and they have been fixed within a few days. You can raise requests and you will get a confirmation but nothing will be done. I attempted to point this out to TM via social media and their response was to mark the comment as spam! This is becoming very long, results and analysis to follow in part

Chapter 2 : Exploring Spark Data Source V2 - Part 1 : Limitations of Data Source V1 API

Foundations of Mathematics 20 chapter 5 lesson 1.

Combined with dataframe and spark SQL abstractions, it makes spark one of the most complete structured data engine out there. You can read more about structured data analysis in spark here. Data source API was introduced in spark 1. After that release, spark has undergone tremendous change. Spark has moved to custom memory management and with 2. With these tremendous changes data source API needed to be revisited. This API reflects all the learning spark developers learnt in last few releases. This API will be foundation for next few years of spark data source connectivity. In this series of posts, I will be discussing about different parts of the API. We will be learning API by building data sources for different sources like flat file, relational databases etc. This is first blog in the series where we discuss about the limitations of existing data source API. It will help us to understand the motivation for new API. You can read all the post in the series here. The below are few of the interfaces of v1 API. BaseRelation override def buildScan: It got replaced by SparkSession. But spark has not able to update data source API to reflect these changes. Having data source , which is a lower layer abstraction, depending upon the higher level abstractions is not a good idea. But many data sources used for analytics are columnar by nature. So there is unnecessary translation of columnar data source to row in connector and back to columnar in spark engine. This impacts their performance. In data source V1 API , when spark reads data from these sources it will not try to co locate the processing with partitions which will result in poor performance. No transaction support in Write Interface Current write interface is very generic. It was built primarily to support to store data in systems like HDFS. But more sophisticated sinks like databases needed more control over data write. For example, when data is written to partially to database and job aborts, it will not cleanup those rows. But those facilities are not there in databases. So in this scenario, database will be in inconsistent state. But many smart sources, data sources with processing power, do more capabilities than that. As we can see from above points, current data source API is not adequate for these new generation data sources. References DataBricks blog on 2. It need to be evolved to support new territory spark is going with 2. In this post we discussed about different limitations of current data source API which will be motivation for new API.

Chapter 3 : Exploring Microsoft Office Volume 1

b. a time plot of the data with the observations taken in increasing order. c. a boxplot of the data. d. reporting the 5 number summary for the data, with the mean.

Chapter 4 : Exploring www.nxgvision.com

1)Use the data in the table to calculate the marginal distribution (in percents) of the row or column totals. 2)Make a graph to display the marginal distribution.

Chapter 5 : Exploring Impact Data: Gamegolf vs MyRoundPro vs Shotscope V2 Part 1

Chapter 1: Exploring Data study guide by renaj10 includes 38 questions covering vocabulary, terms and more. Quizlet flashcards, activities and games help you improve your grades.

Chapter 6 : Python for Everybody: Exploring Data in Python 3

Exploring Data Describing Quantitative Data with Numbers. Learning Objectives After this section, you should be able to: The Practice of Statistics, 5thEdition 2.