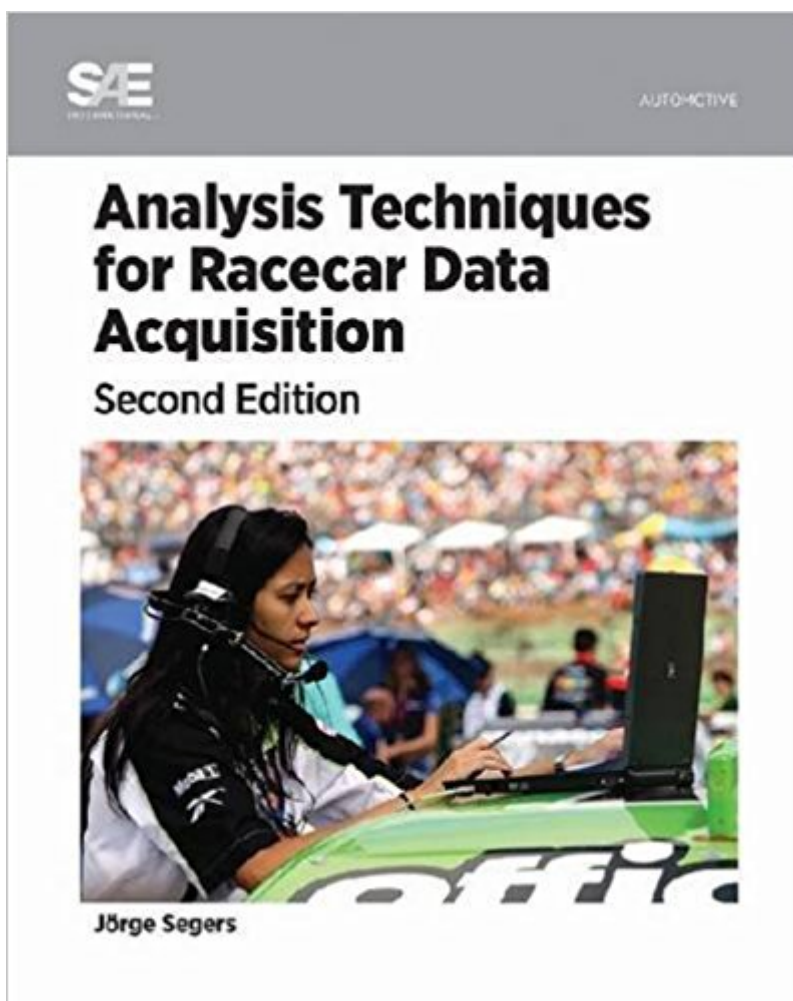


The book was found

# Analysis Techniques For Racecar Data Aquisition



## Synopsis

Racecar data acquisition used to be limited to well-funded teams in high-profile championships. Today the cost of electronics has decreased dramatically making them available to everyone. But the cost of any data acquisition system is a waste of money if the recorded data is not interpreted correctly. This book updated from the best-selling 2008 edition contains techniques for analyzing data recorded by any vehicle's data acquisition system. It details how to measure the performance of the vehicle and driver what can be learned from it and how this information can be used to advantage next time the vehicle hits the track. Such information is invaluable to racing engineers and managers race teams and racing data analysts in all motorsports. Whether measuring the performance of a Formula One racecar or that of a road-legal street car on the local drag strip the dynamics of vehicles and their drivers remain the same. Identical analysis techniques apply. Some race series have restricted data logging to decrease the team's running budgets. In these cases it is extremely important that a maximum of information is extracted and interpreted from the hardware at hand. A team that uses data more efficiently will have an edge over the competition. However the ever-decreasing cost of electronics makes advanced sensors and logging capabilities more accessible for everybody. With this comes the risk of information overload. Techniques are needed to help draw the right conclusions quickly from very large data sets. In addition to updates throughout this new edition contains three new chapters: one on techniques for analyzing tire performance one that provides an introduction to metric-driven analysis a technique that is used throughout the book and another that explains what kind of information the data contains about the track.

## Book Information

Hardcover: 515 pages

Publisher: Society of Automotive Engineers Inc; 2 edition (February 24, 2014)

Language: English

ISBN-10: 0768064597

ISBN-13: 978-0768064599

Product Dimensions: 1.2 x 8 x 10 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars 7 customer reviews

Best Sellers Rank: #204,308 in Books (See Top 100 in Books) #17 in [Books > Engineering & Transportation > Engineering > Chemical > Unit Operations & Transport Phenomena](#) #45

inÃ Â Books > Engineering & Transportation > Automotive > Racing #56 inÃ Â Books > Engineering & Transportation > Automotive > Repair & Maintenance > Testing & Certification

## Customer Reviews

Jorge Segers Engineer at Phoenix Racing DTM LiA ge Area Belgium

I had the original version and this is a big upgrade. The new sections added are like a whole new book in itself. Highly recommend for anyone interested in racing and engineering and want in to the support - I work as a race engineer and used this as a strong refresher and for new ideas

Great content, however engine controls are not covered. Unfortunately, this was the main topic I was interested in!

Awesome book. Using this as a text book in my data acquisition class. Very well written and easy to understand. Wouk recommend it for anyone just starting out in data acquisition.

The absolute best book on data logging you can buy. Excellent.

A bright text, full of interesting points on which focusing our race engineers activities.

Good book.

More than happy

[Download to continue reading...](#)

Analysis Techniques for Racecar Data Aquisition Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data Book 1) Data Analytics: Applicable Data Analysis to Advance Any Business Using the Power of Data Driven Analytics (Big Data Analytics, Data Science, Business Intelligence Book 6) Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis) Big Data For Business: Your Comprehensive Guide to Understand Data Science, Data Analytics and Data Mining

to Boost More Growth and Improve Business - Data Analytics Book, Series 2 Data Analytics For Beginners: Your Ultimate Guide To Learn and Master Data Analysis. Get Your Business Intelligence Right - Accelerate Growth and Close More Sales (Data Analytics Book Series) The Racecar Book: Build and Race Mousetrap Cars, Dragsters, Tri-Can Haulers & More (Science in Motion) The Red Racecar Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Data Analytics and Python Programming: 2 Bundle Manuscript: Beginners Guide to Learn Data Analytics, Predictive Analytics and Data Science with Python Programming Discovering Knowledge in Data: An Introduction to Data Mining (Wiley Series on Methods and Applications in Data Mining) Analytics: Data Science, Data Analysis and Predictive Analytics for Business Statistics, Data Mining, and Machine Learning in Astronomy: A Practical Python Guide for the Analysis of Survey Data (Princeton Series in Modern Observational Astronomy) Data Analysis and Signal Processing in Chromatography, Volume 21 (Data Handling in Science and Technology) Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython Data Analytics for Beginners: Your Ultimate Guide to Learn and Master Data Analysis Data Mining: Practical Machine Learning Tools and Techniques (Morgan Kaufmann Series in Data Management Systems) Principles of Data Wrangling: Practical Techniques for Data Preparation

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)