

# Data & Racing

Part One - Introduction

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# Concept

During the next several weeks, I will be taking you through basic understanding of data and its application to car racing with videos that are less than 5 minutes each. The goal is for you to understand and apply these ideas to what you do on track. A downloadable copy of this presentation will be available on my website and the videos will be posted on my YouTube channel.



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# Assumptions

To get the best use from this video series, I am assuming that you have:

- Some kind of data logger or system that gives you GPS Speed vs time and/distance data, such as an AiM MX series logger, EVO4S or Solo2/2DL,
- Your logger can provide longitudinal and lateral g data, & that you know how download your data in RS2 or RS3



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# Agenda

- Session 1 - Introduction
- Session 2 – What Is Data & GPS Speed?
- Session 3 – Using Longitudinal g
- Session 4 – Summary & Next Steps



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# Why Me?

I have been an AiM Sports power user for the past 14 years and have installed AiM systems in many race cars. I have attended numerous advanced AiM application courses. I have been coaching race car drivers at all levels using a combination of data analysis coupled with in-car video review to help them improve their on-track performance since 2006.



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# Resources

- There are lots of great resources to study if you want to learn more:
- Books
  - A Practical Guide to Race Car Data Analysis by Bob Knox – I use this book a lot
  - Making Sense of Squiggly Lines by Chris Brown
  - Both books are available from Amazon



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# Resources

- There are lots of great resources to study if you want to learn more:
- Courses
  - [A Complete Beginners Guide to Motorsports Data Analysis by Samir Abid](#) – a great course, perfect for beginners
  - [Data for Driver Webinar by Ross Bentley](#) – perfect primer for learning how to apply data to improve your performance



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# Resources

- There are lots of great resources to study if you want to learn more:
- YouTube
  - [AiM Sports LearnFast™](#) – a full series of online courses for AiM data systems and how to interpret data.
  - [James Coburn](#) - a race mad Englishman who loves a bit of data analysis!



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# Introduction

Thanks for joining us for our introduction to data and racing, I have posted all of the links in the section below, as well as a link to the PDF copy of this presentation. Stay tuned to our YouTube channel for our next video in seven days. See you soon!!



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