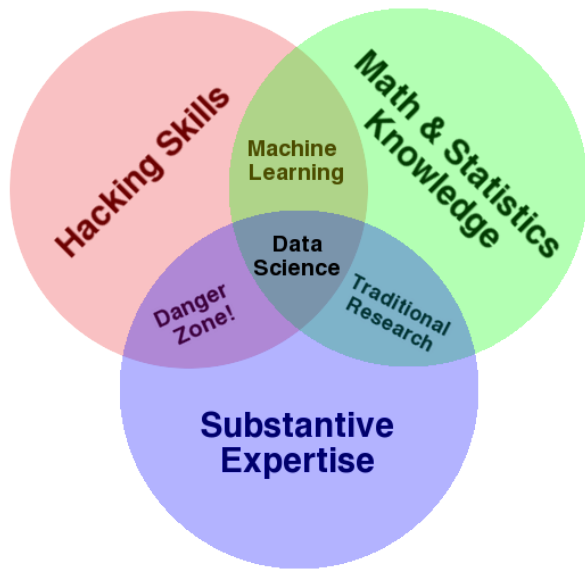


# Finding answers

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# One of the key data science traits



# Key characteristics of hackers

- ▶ Willing to find answers on their own
- ▶ Knowledgeable about where to find answers on their own
- ▶ Unintimidated by new data types or packages
- ▶ Unafraid to say they don't know the answer
- ▶ *Polite but relentless*

Google knows it too

# Where to look for different types of questions

- ▶ R programming (see also: <http://bit.ly/Ufaadn>)
- ▶ Search the archive of the class forums
- ▶ Read the manual/help files
- ▶ Search on the web
- ▶ Ask a skilled friend
- ▶ Post to the class forums
- ▶ Post to the R mailing list or Stackoverflow
- ▶ Data Analysis/Statistics
- ▶ Search the archive of the class forums
- ▶ Search on the web
- ▶ Ask a skilled friend
- ▶ Post to the class forums
- ▶ Post to CrossValidated
- ▶ Other software - software specific websites

## A note on Googling data science questions

- ▶ The best place to start for general questions is the forums
- ▶ Stackoverflow (use the tag “[r]”), R mailing list for software questions, CrossValidated for more general questions
- ▶
- ▶ Otherwise Google “[data type] data analysis” or “[data type] R package”
- ▶ Try to identify what data analysis is called for your data type
- ▶ Biostatistics for medical data
- ▶ Data Science for data from web analytics
- ▶ Machine learning for data in computer science/computer vision
- ▶ Natural language processing for data from texts
- ▶ Signal processing for data from electrical signals
- ▶ Business analytics for data on customers
- ▶ Econometrics for economic data
- ▶ Statistical process control for data about industrial processes
- ▶ etc.

# Credits

- ▶ Roger's Getting Help Video
- ▶ Inspired by Eric Raymond's "How to ask questions the smart way"