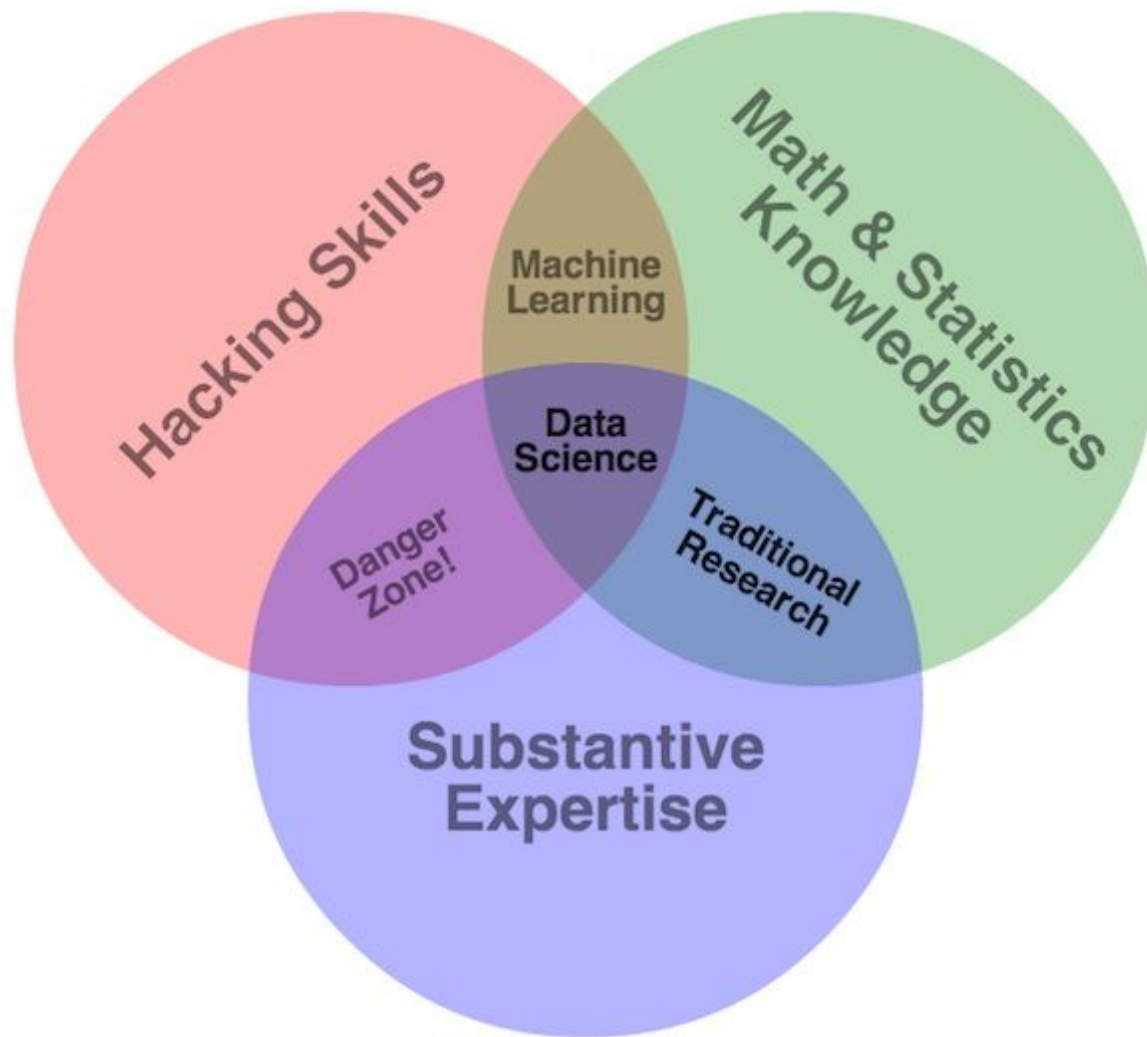
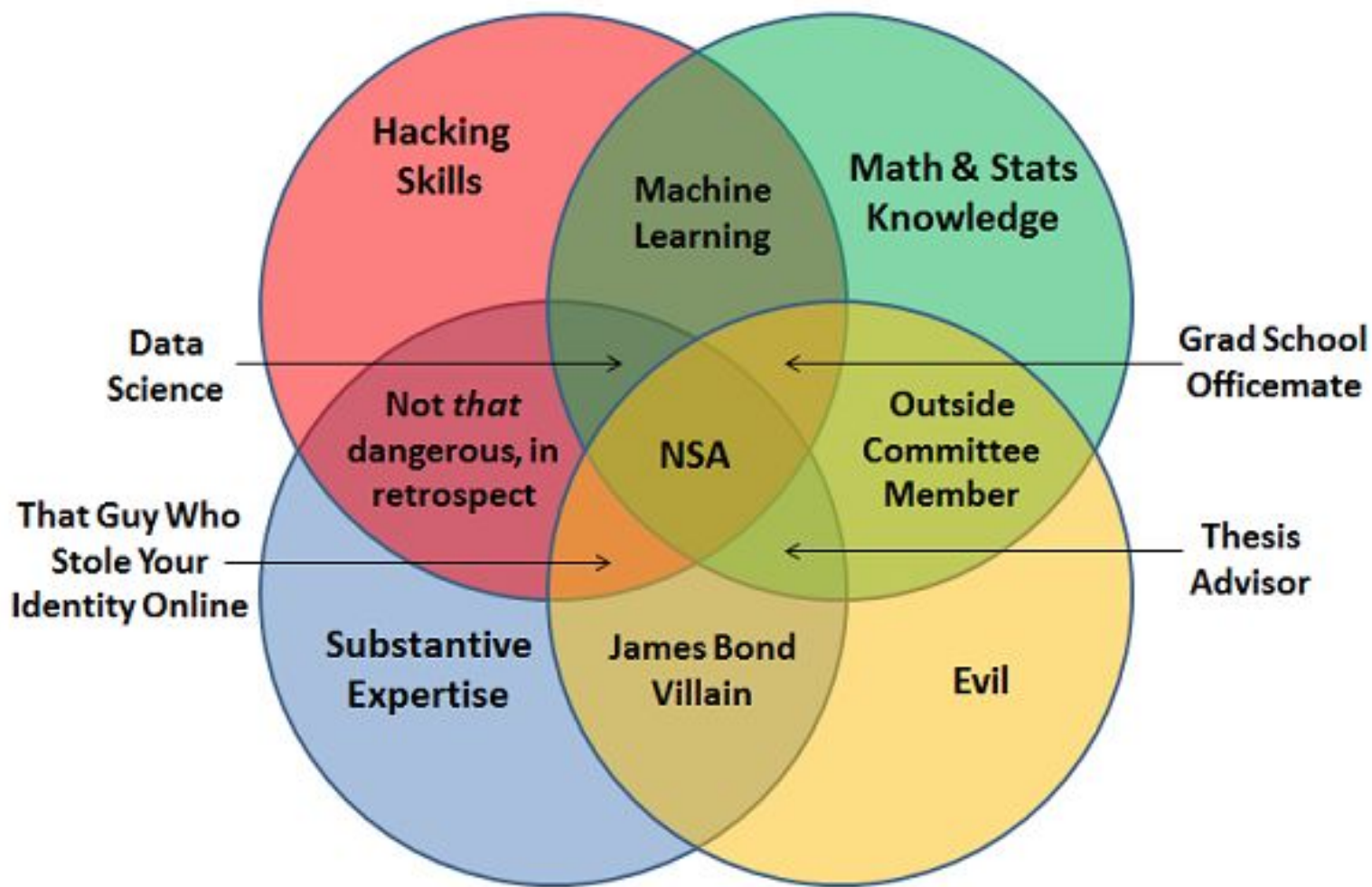


Command and Control

Feel The Power of Doing Data Science from the
Command Line







Where do I get started building my data science toolkit?

```
> echo "The Command Line!" | cowsay
```

```
< The Command Line! >
```

```
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```

```
      ^  ^  
      |  |  
      (oo)\_____  
      (__) \_____) \/\   
              ||----w |  
              ||     ||
```

Why the Command Line Matters for Data Science

- Command Line Tools are SUPER
 - Simple
 - Ubiquitous
 - Parallelizable
 - Environmentally friendly
 - Rich & Robust
- Command line tools generally follow the Unix philosophy
 - Typically do one thing well
 - Work together
 - Text as the universal interface

What the Command Line Is Good For

- Working with Data
 - Obtaining data
 - Parsing
 - Slicing and Scrubbing
 - Exploring
 - Transforming
- Working with processes
 - Parallelization
 - Workflow and data dependency management

What We'll Do Today

Get data

Unpack and parse data

View and explore data

Filter and slice data

What We'll Be Exploring



Weather



Crime

