

Breaking down the data visualisation creation process — A live-coding session with R

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The Process

Figure out what to explore and where to get the data

Collect the data and prepare it for use with **R**

Create the visualisation using the **tidyverse** and related packages

Import into **Adobe Illustrator** to adjust details

Data Sources

Natural Stat Trick

Evolving-Hockey

MoneyPuck

Hockey-Reference

NHL

Starting with R

Download and install R and RStudio

Install the tidyverse:

```
install.packages("tidyverse")
```

Refer to the R Graph Gallery

Using Illustrator

Optional step, but tweaks can elevate the visualisation:

Font changes

Realigning chart components

Branding

Considerations

Data presentation – what point are you trying to make?

Acknowledgements

Accessibility

Truthfulness

Thank you.

I'm [@mrbilltran](#) on Twitter if you have questions

Please visit thewincolumn.ca for more hockey visualisations

Special thanks to Yan Holtz (@R_Graph_Gallery) for the work on creating the aptly named R Graph Gallery!