**TV, Halftime Shows, and the Big Game**

Load, clean, and explore Super Bowl data in the age of soaring ad costs and flashy halftime shows.

#### Project Description

Whether or not you like football, the Super Bowl is a spectacle. There's drama in the form of blowouts, comebacks, and controversy in the games themselves. There are the ridiculously expensive ads, some hilarious, others gut-wrenching, thought-provoking, and weird. The halftime shows with the biggest musicians in the world, sometimes [riding a giant mechanical tiger](https://youtu.be/ZD1QrIe--_Y?t=14) or [leaping from the roof of the stadium](https://youtu.be/mjrdywp5nyE?t=62).

In this project, you will find out how some of the elements interact with each other.

* What are the most extreme game outcomes?
* How does point difference affect television viewership?
* How have viewership, TV ratings, and advertisement costs evolved?
* Who are the most prolific musicians in terms of halftime show performances?

This project gives you an opportunity to apply the skills from [Introduction to the Tidyverse](https://www.datacamp.com/courses/introduction-to-the-tidyverse) and [Data Visualization with ggplot2 (Part 1)](https://www.datacamp.com/courses/data-visualization-with-ggplot2-1).

The dataset used in this Project was scraped and polished from Wikipedia. It is made up of three CSV files, one with [game data](https://en.wikipedia.org/wiki/List_of_Super_Bowl_champions), one with [TV data](https://en.wikipedia.org/wiki/Super_Bowl_television_ratings), and one with [halftime musician data](https://en.wikipedia.org/wiki/List_of_Super_Bowl_halftime_shows) for all 52 Super Bowls through 2018.

#### Project Tasks

* 1 TV, halftime shows, and the Big Game
* 2 Taking note of dataset issues
* 3 Combined points distribution
* 4 Point difference distribution
* 5 Do blowouts translate to lost viewers?
* 6 Viewership and the ad industry over time
* 7 Halftime shows weren't always this great
* 8 Who has the most halftime show appearances?
* 9 Who performed the most songs in a halftime show?
* 10 Conclusion