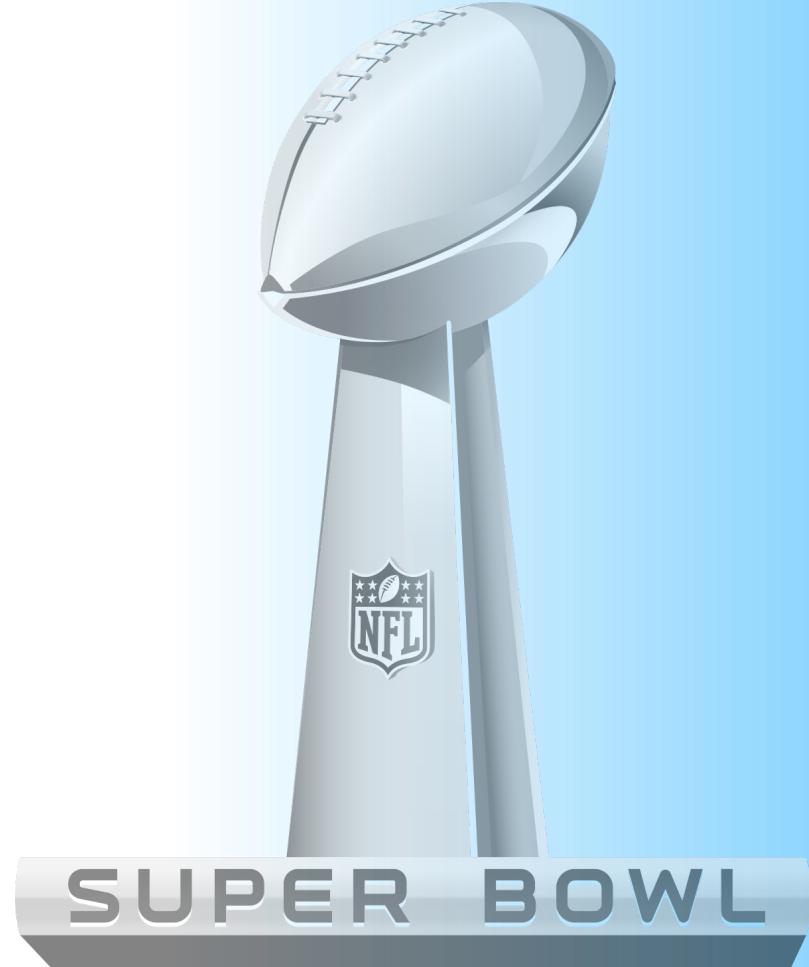


Super Bowl

Created by Arvind
Bhamidipati, Jared Hazlett,
Joon Hee Kang, Regine
Pablo, Akriti Suri



Project Description

- Super bowl and its trends - What makes it so interesting?
 - There are many metrics that we see over the years which tells us how important Superbowl Sunday is in our American Culture.
 - Analyze related topics which contribute to this annual tradition

Analysis and Metrics

- Game Statistics
- Weather
- Merchandise
- Viewership

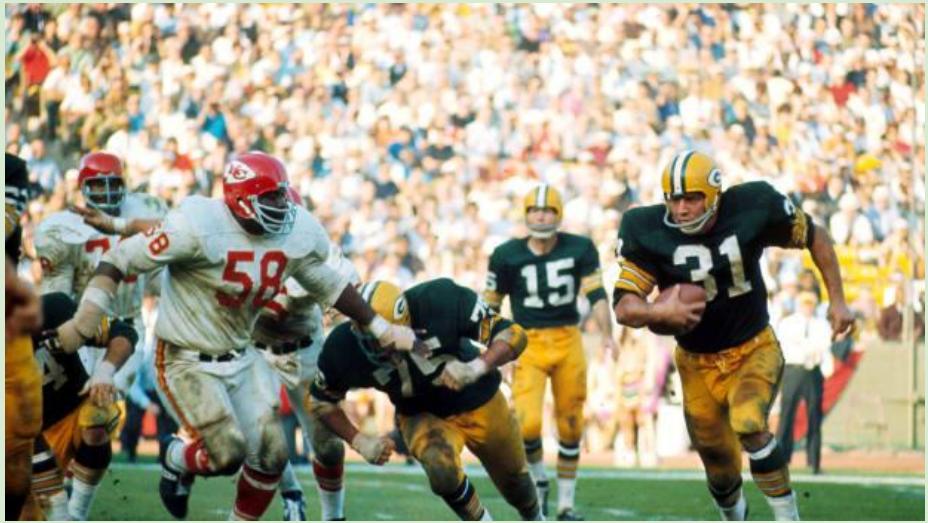


Super Bowl Background

The National Football League is a professional American football League consisting of 32 teams, divided equally between the National Football Conference and the American Football Conference.

The Super Bowl is the annual championship game of the National Football League played in early February. It is the culmination of a regular season that begins in the late summer of the previous year.





The first Super bowl game was held on **January 15, 1967**. It is also the first AFL-NFL World Championship Game in professional American football. The two teams battling it out for the championship- the Green Bay Packers and Kansas City Chiefs. The Packers beat the Chiefs 35-10.

Week	Date	Opponent	Result	Record	Venue	Attendance
1	September 17	Detroit Lions	T 17-17	0-0-1	Lambeau Field	50,861
2	September 24	Chicago Bears	W 13-10	1-0-1	Lambeau Field	50,861
3	October 1	Atlanta Falcons	W 23-0	2-0-1	Milwaukee County Stadium	49,467
4	October 8	at Detroit Lions	W 27-17	3-0-1	Tiger Stadium	57,877
5	October 15	Minnesota Vikings	L 7-10	3-1-1	Milwaukee County Stadium	49,601
6	October 22	at New York Giants	W 48-21	4-1-1	Yankee Stadium	62,585
7	October 30	at St. Louis Cardinals	W 31-23	5-1-1	Busch Memorial Stadium	49,792
8	November 5	at Baltimore Colts	L 10-13	5-2-1	Memorial Stadium	60,238
9	November 12	Cleveland Browns	W 55-7	6-2-1	Milwaukee County Stadium	50,074
10	November 19	San Francisco 49ers	W 13-0	7-2-1	Lambeau Field	50,861
11	November 26	at Chicago Bears	W 17-13	8-2-1	Wrigley Field	47,513
12	December 3	at Minnesota Vikings	W 30-27	9-2-1	Metropolitan Stadium	47,693
13	December 9	at Los Angeles Rams	L 24-27	9-3-1	Los Angeles Memorial Coliseum	76,637
14	December 17	Pittsburgh Steelers	L 17-24	9-4-1	Lambeau Field	50,861

Winning Coach: Vince Lombardi
Season (1967): 9-4-1
QB: Bart Starr





Current Super Bowl Champions 2020

KANSAS CITY CHIEFS

VS

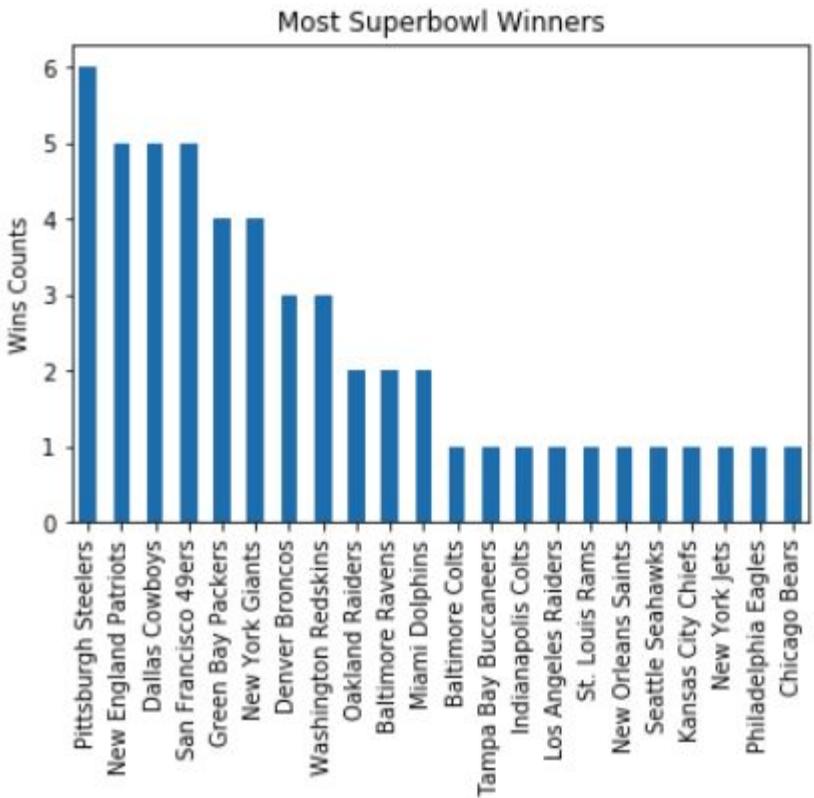
SAN FRANCISCO 49ERS

31-20

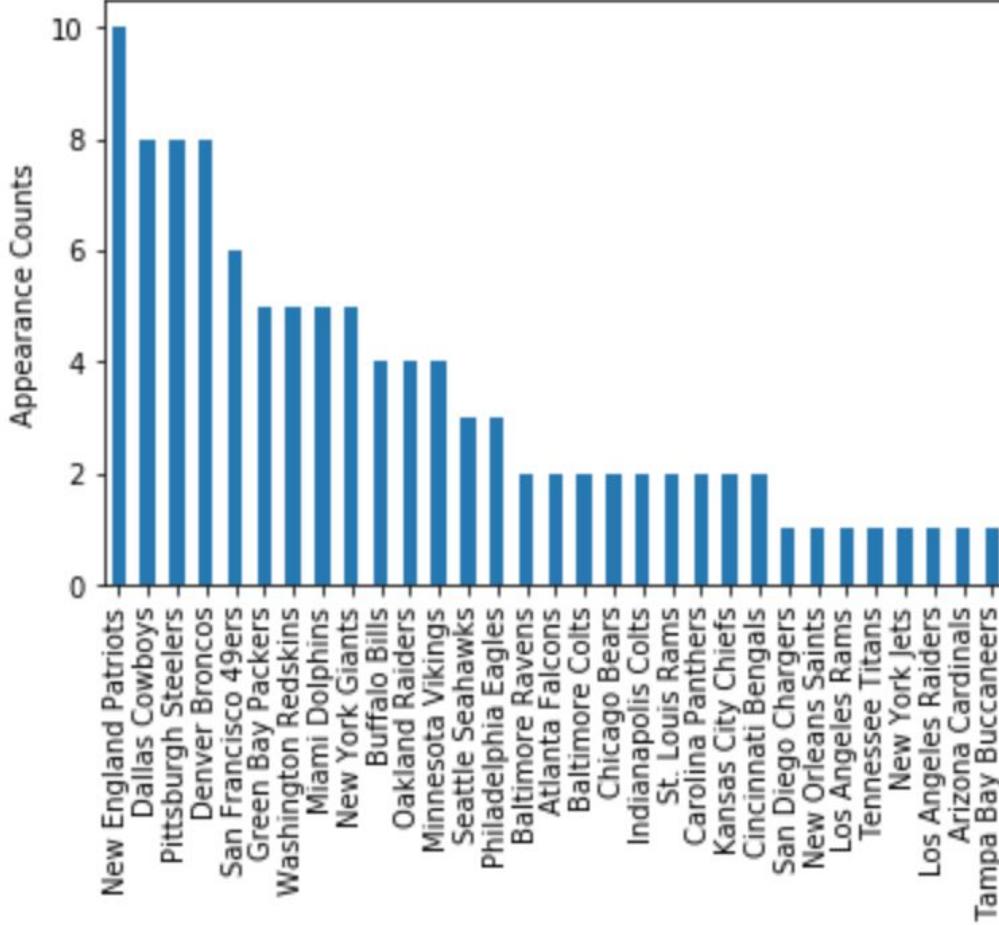
@ Hard Rock Stadium, Miami
Gardens, Florida



Week	Date	Opponent	Result	Record	Venue
1	September 8	at Jacksonville Jaguars	W 40–26	1–0	TIAA Bank Field
2	September 15	at Oakland Raiders	W 28–10	2–0	RingCentral Coliseum
3	September 22	Baltimore Ravens	W 33–28	3–0	Arrowhead Stadium
4	September 29	at Detroit Lions	W 34–30	4–0	Ford Field
5	October 6	Indianapolis Colts	L 13–19	4–1	Arrowhead Stadium
6	October 13	Houston Texans	L 24–31	4–2	Arrowhead Stadium
7	October 17	at Denver Broncos	W 30–6	5–2	Empower Field at Mile High
8	October 27	Green Bay Packers	L 24–31	5–3	Arrowhead Stadium
9	November 3	Minnesota Vikings	W 26–23	6–3	Arrowhead Stadium
10	November 10	at Tennessee Titans	L 32–35	6–4	Nissan Stadium
11	November 18	at Los Angeles Chargers	W 24–17	7–4	MEX Estadio Azteca (Mexico City)
12		Bye			
13	December 1	Oakland Raiders	W 40–9	8–4	Arrowhead Stadium
14	December 8	at New England Patriots	W 23–16	9–4	Gillette Stadium
15	December 15	Denver Broncos	W 23–3	10–4	Arrowhead Stadium
16	December 22	at Chicago Bears	W 26–3	11–4	Soldier Field
17	December 29	Los Angeles Chargers	W 31–21	12–4	Arrowhead Stadium



Superbowl Appearances



10 Appearances



8 Appearances



8 Appearances

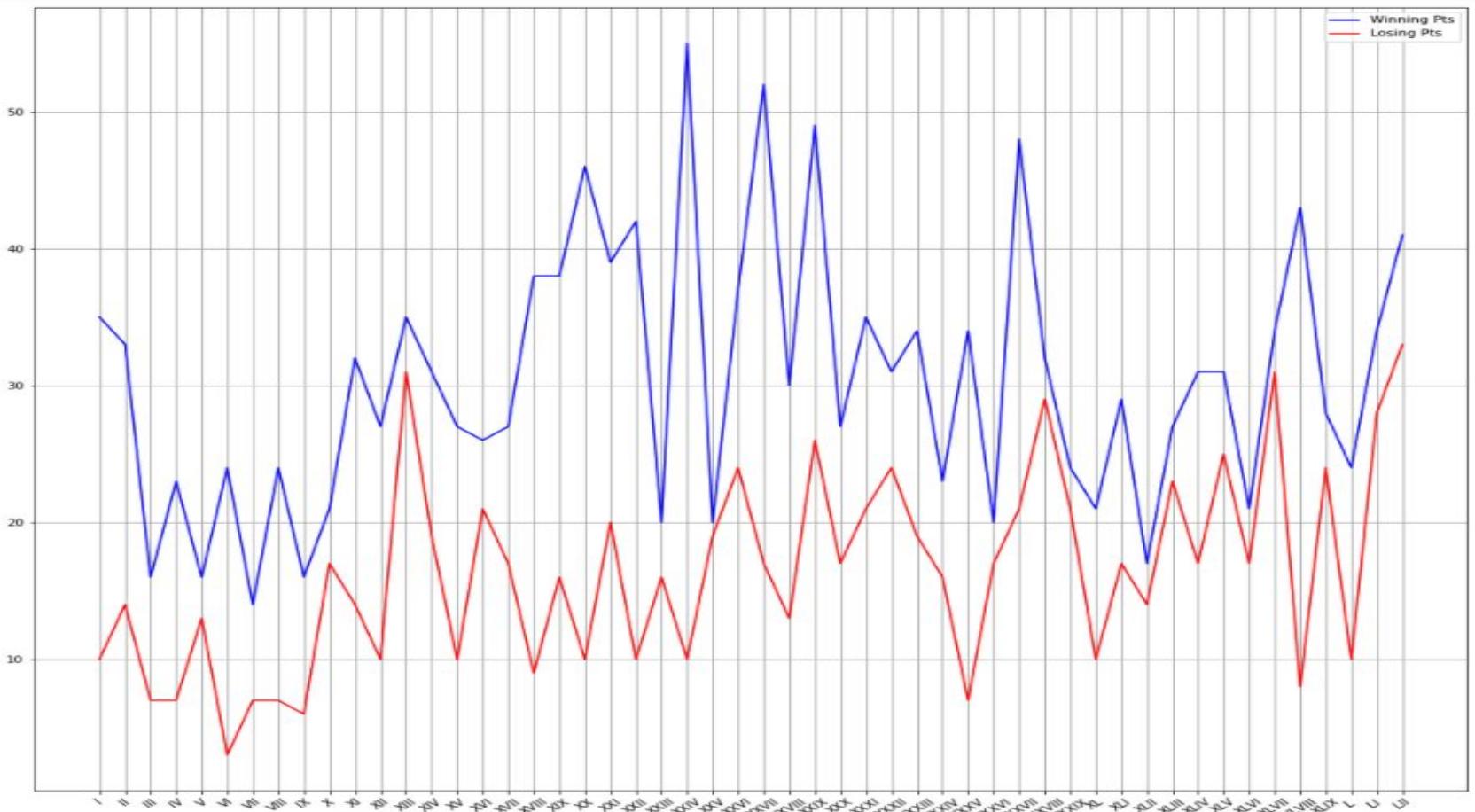


8 Appearances



6 Appearances





SUPER BOWL

Superbowl Records

Top 5 highest Point Differences in Superbowl History

Winning Streaks

['Green Bay Packers 15-Jan-67 14-Jan-68',
 'Miami Dolphins 14-Jan-73 13-Jan-74',
 'Pittsburgh Steelers 12-Jan-75 18-Jan-76',
 'Pittsburgh Steelers 21-Jan-79 20-Jan-80',
 'San Francisco 49ers 22-Jan-89 28-Jan-90',
 'Dallas Cowboys 31-Jan-93 30-Jan-94',
 'Denver Broncos 25-Jan-98 31-Jan-99',
 'New England Patriots 1-Feb-04 6-Feb-05']

Date	SB	Winner	Winning Pts	Point Difference	Loser	Losing Pts
28-Jan-90	XXIV	San Francisco 49ers	55	45	Denver Broncos	10
26-Jan-86	XX	Chicago Bears	46	36	New England Patriots	10
31-Jan-93	XXVII	Dallas Cowboys	52	35	Buffalo Bills	17
2-Feb-14	XLVIII	Seattle Seahawks	43	35	Denver Broncos	8
31-Jan-88	XXII	Washington Redskins	42	32	Denver Broncos	10

Losing Streaks

['Minnesota Vikings 13-Jan-74 12-Jan-75',
 'Denver Broncos 25-Jan-87 31-Jan-88',
 'Buffalo Bills 27-Jan-91 26-Jan-92',
 'Buffalo Bills 26-Jan-92 31-Jan-93',
 'Buffalo Bills 31-Jan-93 30-Jan-94']

Date	SB	Winner	Winning Pts	Point Difference	Loser	Losing Pts
28-Jan-90	XXIV	San Francisco 49ers	55	45	Denver Broncos	10
31-Jan-93	XXVII	Dallas Cowboys	52	35	Buffalo Bills	17
29-Jan-95	XXIX	San Francisco 49ers	49	23	San Diego Chargers	26
26-Jan-03	XXXVII	Tampa Bay Buccaneers	48	27	Oakland Raiders	21
26-Jan-86	XX	Chicago Bears	46	36	New England Patriots	10

Top 5 highest points made in Superbowl history

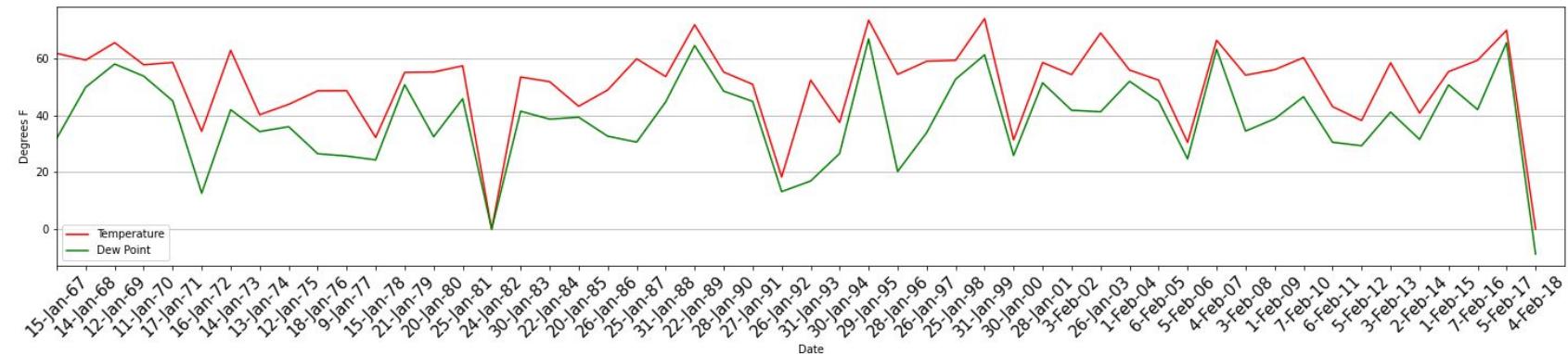
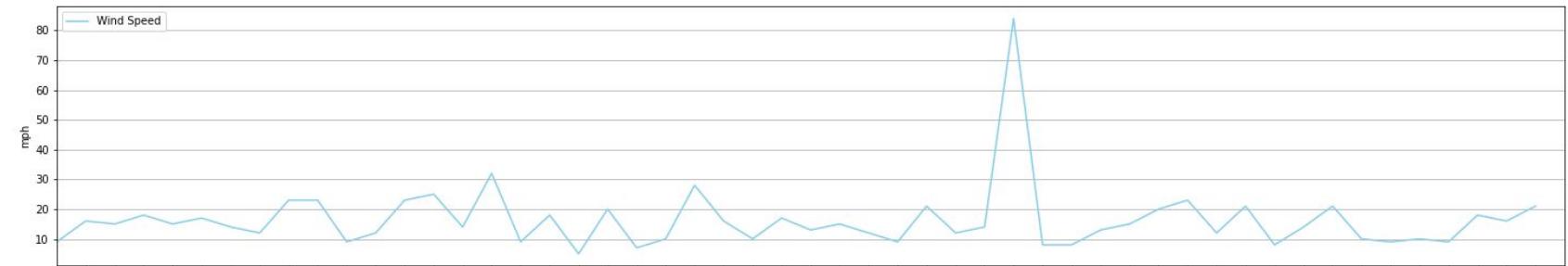
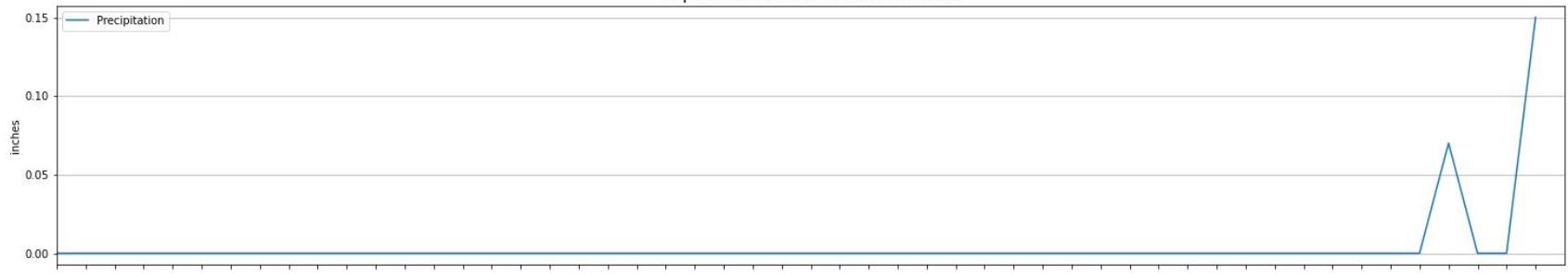
Satellite

Weather and the Super Bowl

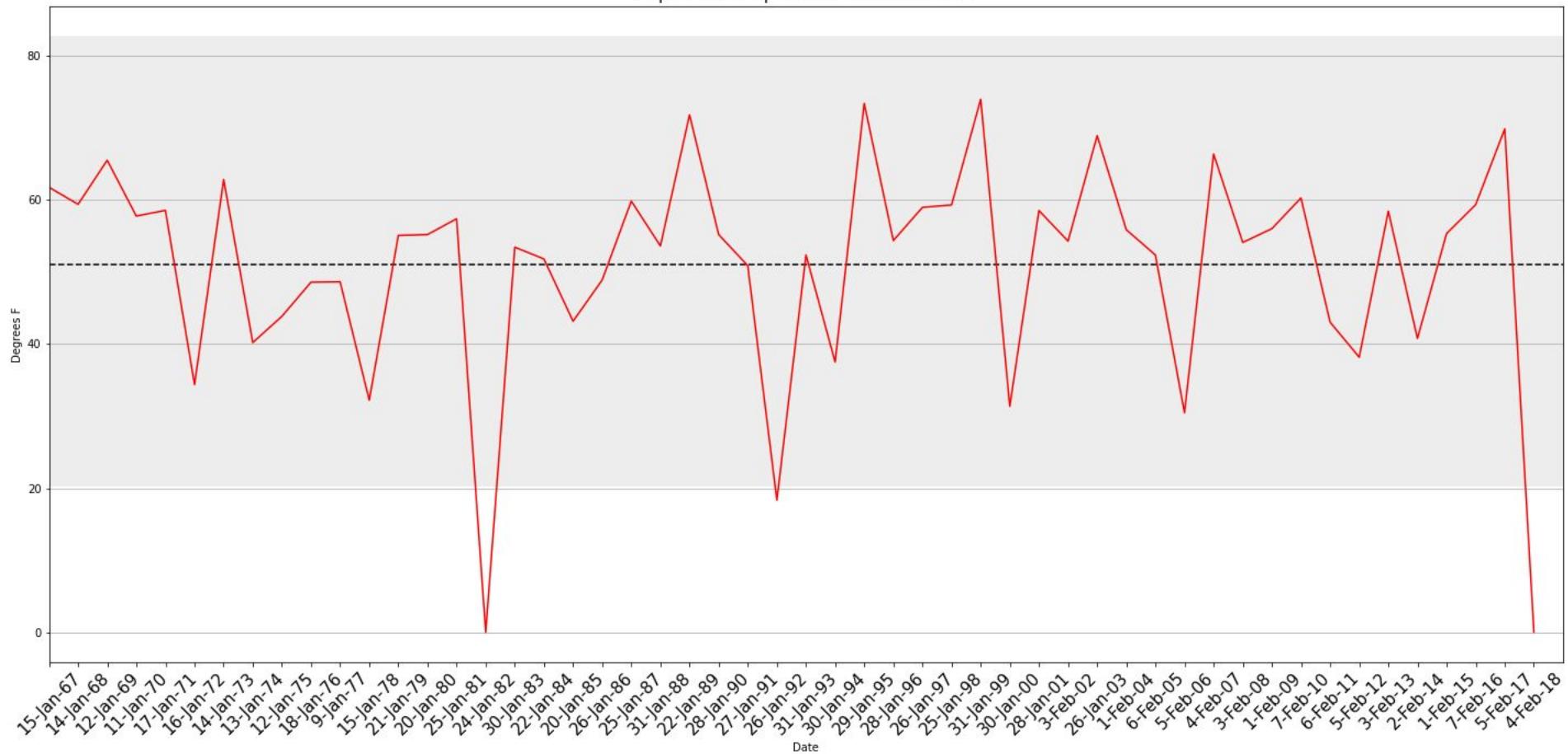


Map

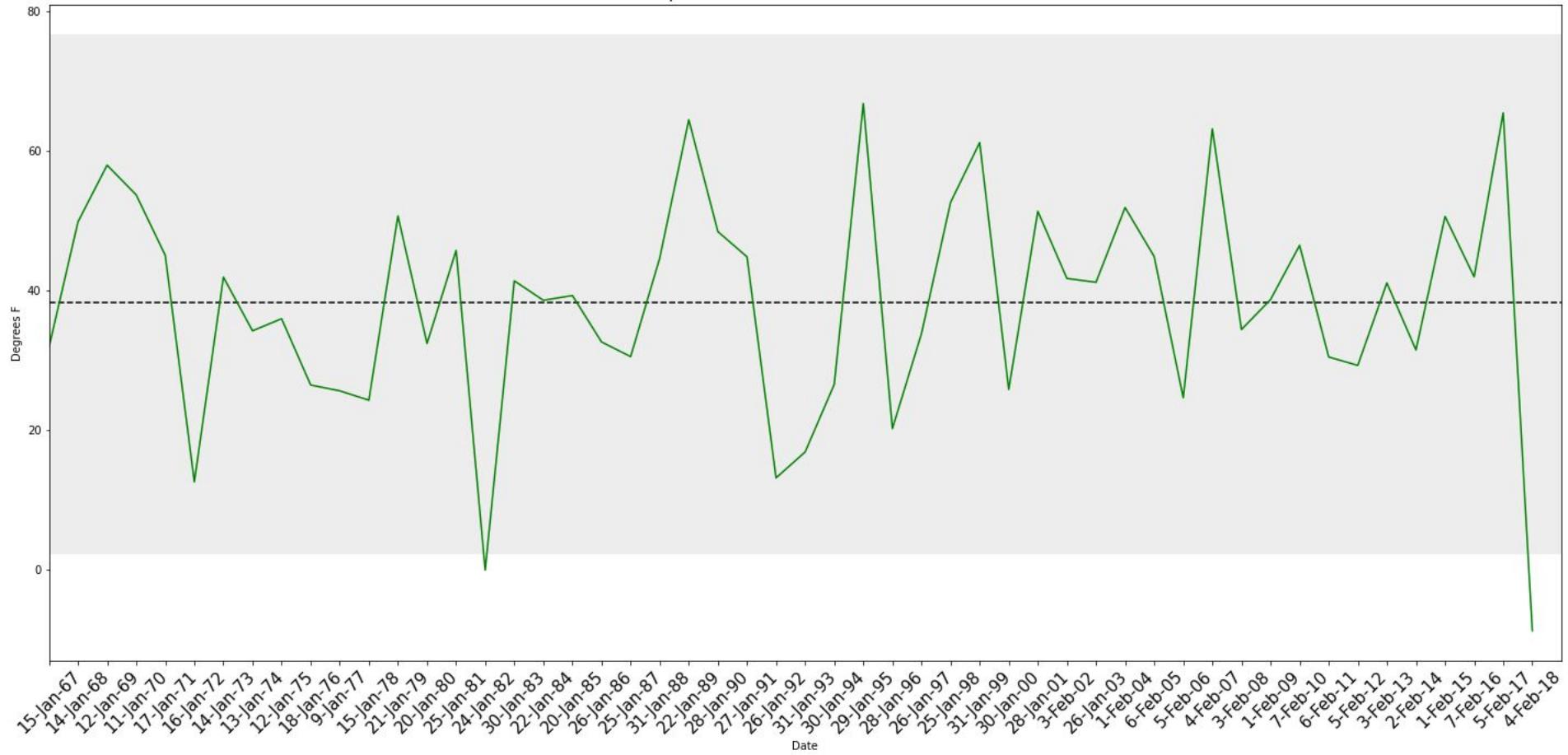
Superbowl Weather Data 1967-2018



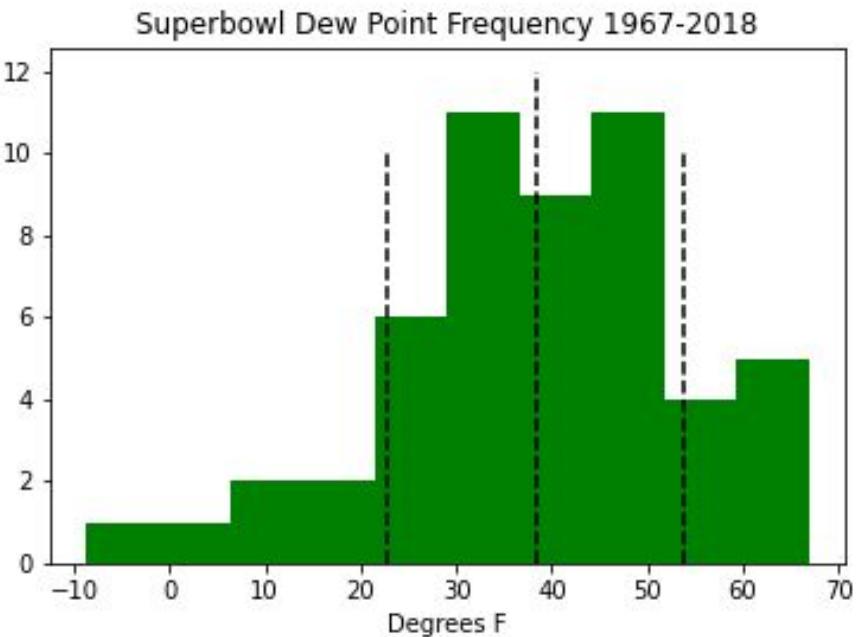
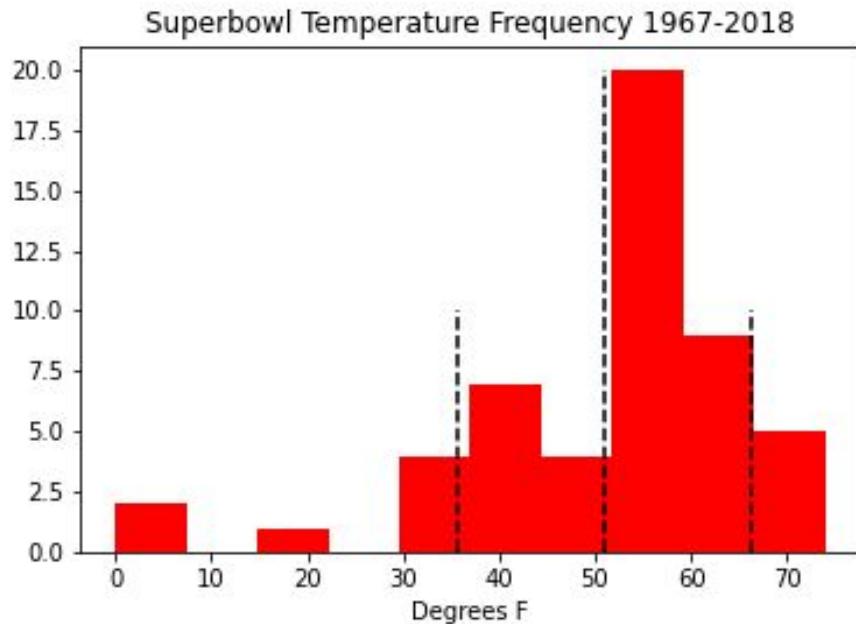
Superbowl Temperature Data 1967-2018



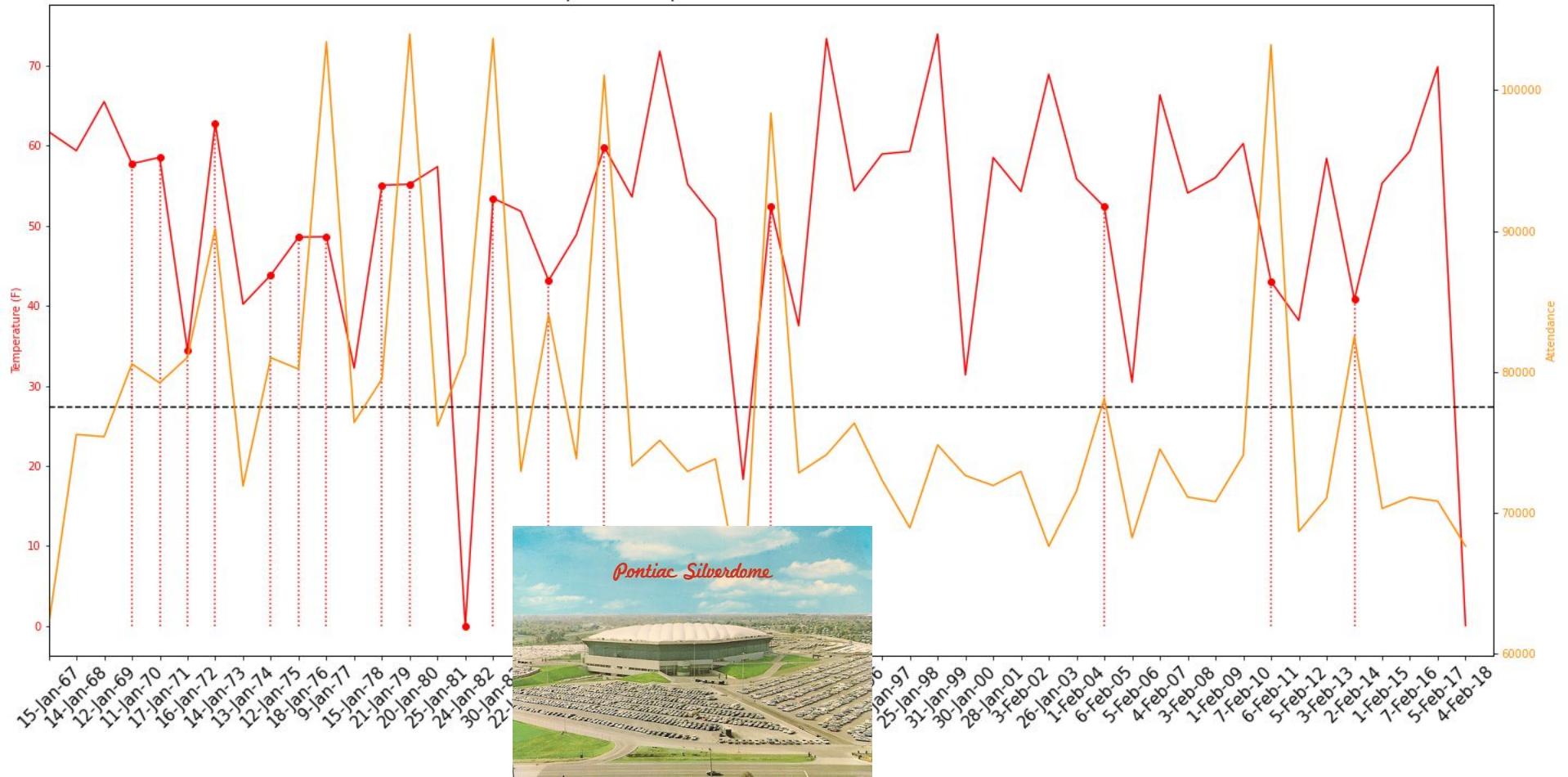
Superbowl Dew Point Data 1967-2018



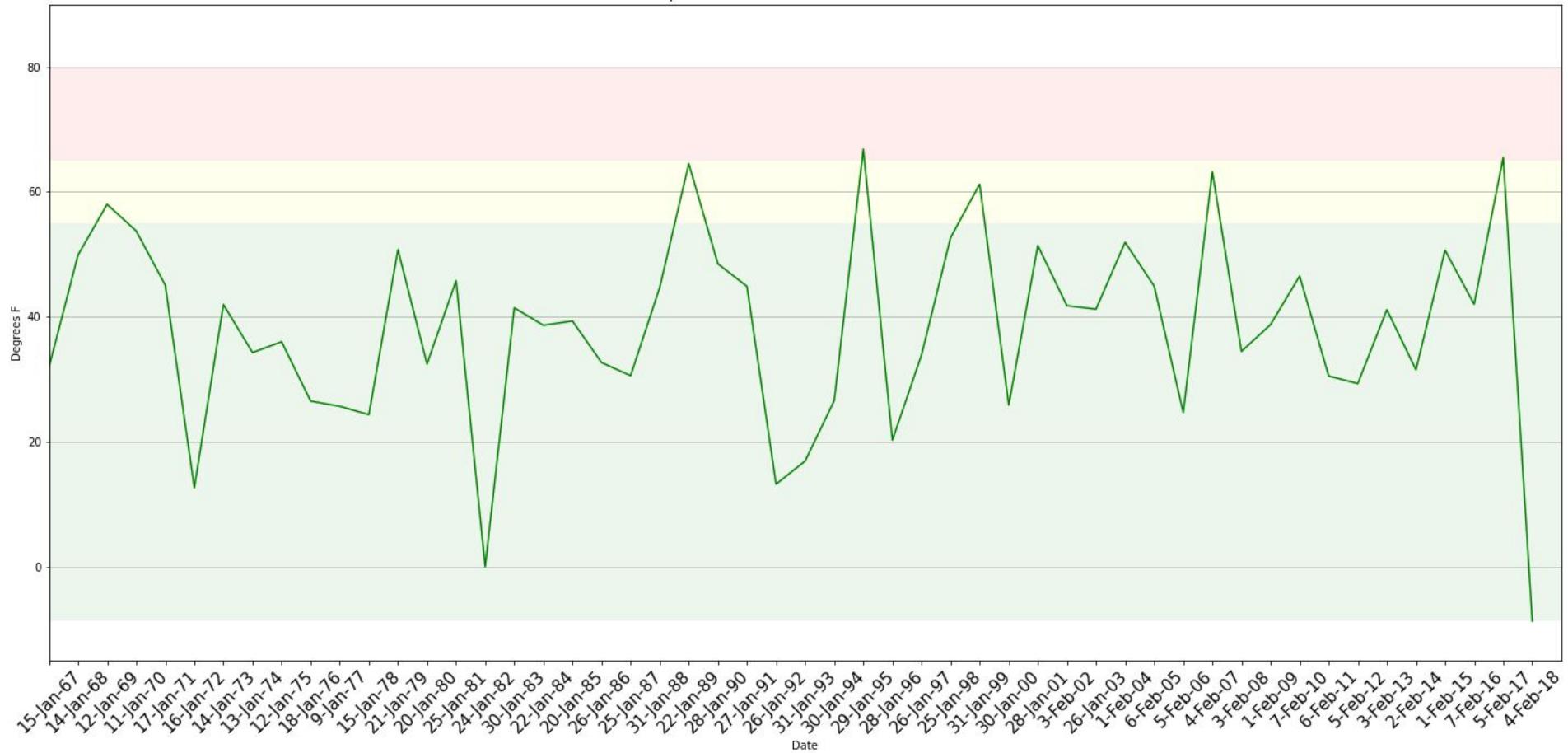
Distribution of temperatures and dew points



Superbowl Temperature & Attendance Data 1967-2018



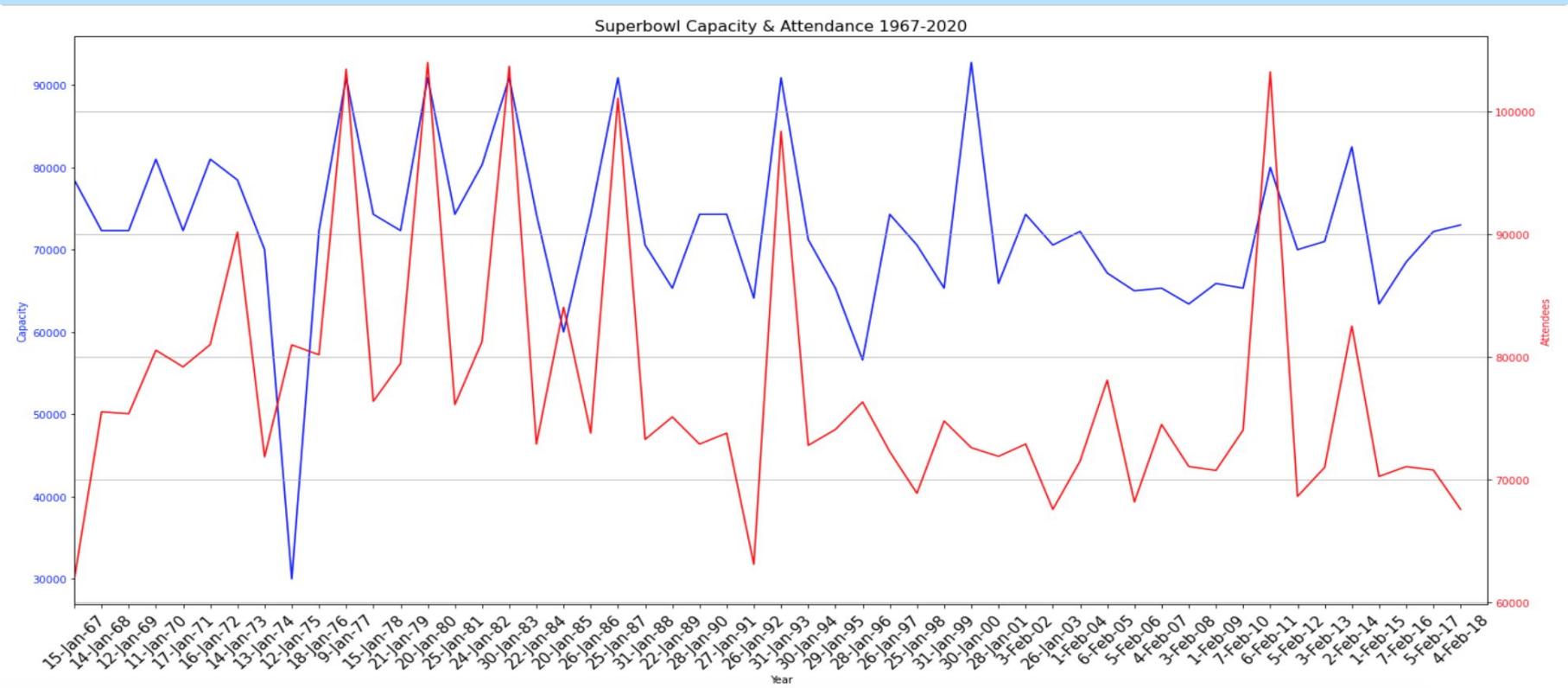
Superbowl Dew Point Data 1967-2018



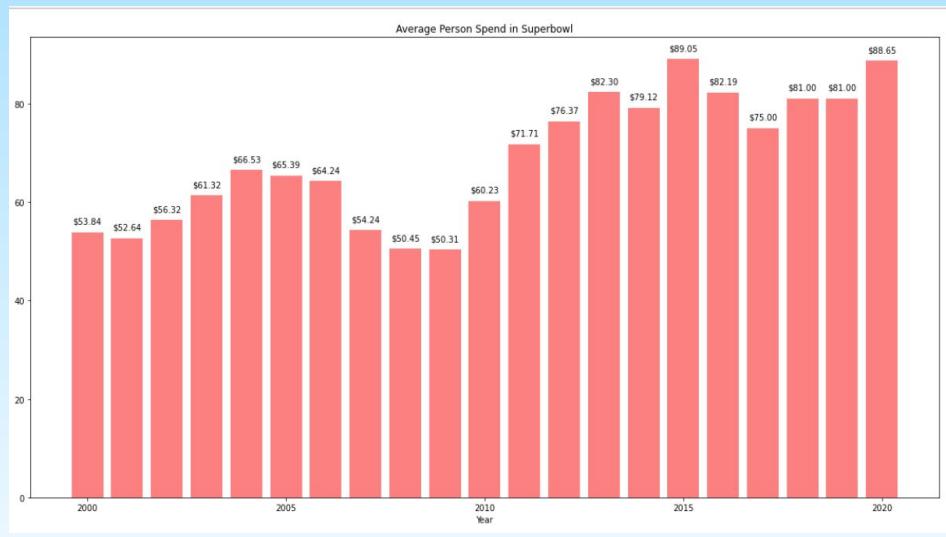
Superbowl Dew Point & Attendance Data 1967-2018



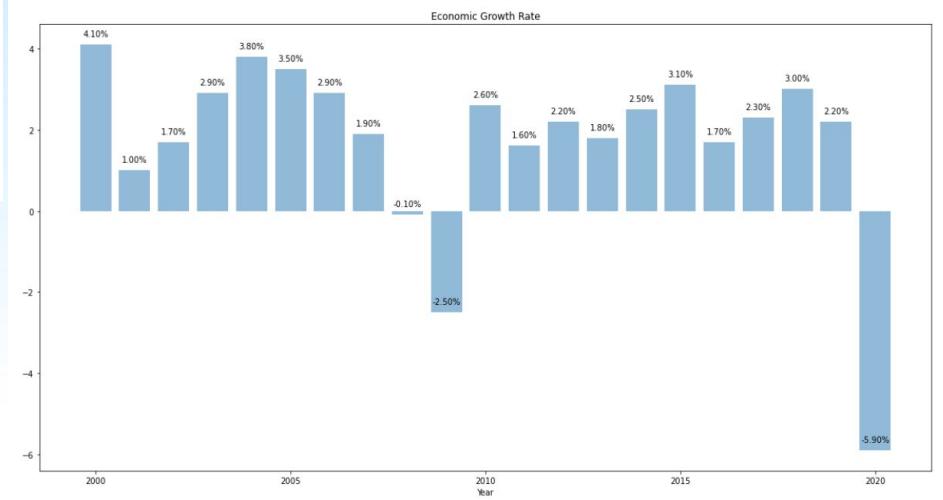
Stadium Capacity vs Super Bowl Attendees



Super Bowl Merchandise

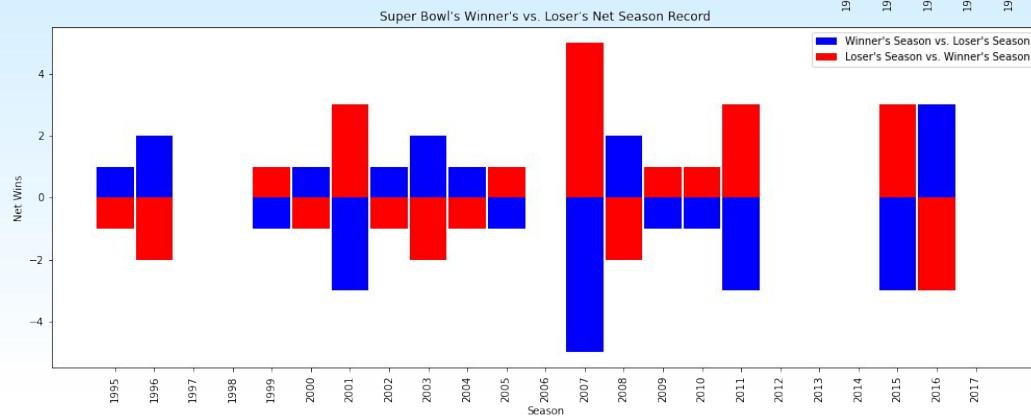
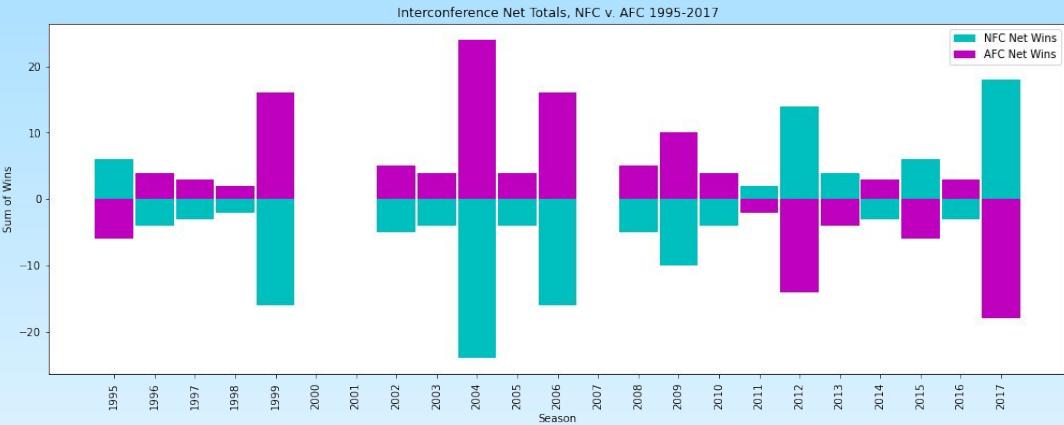


Average Spent on Super Bowl
Max: \$89.05
Min: \$50.31



AFC vs NFC and Net Season Record vs. Views

We look at: NFC v. AFC on
SB Viewership & Rating
We look at: Winner v. Loser
on SB Viewership & Rating

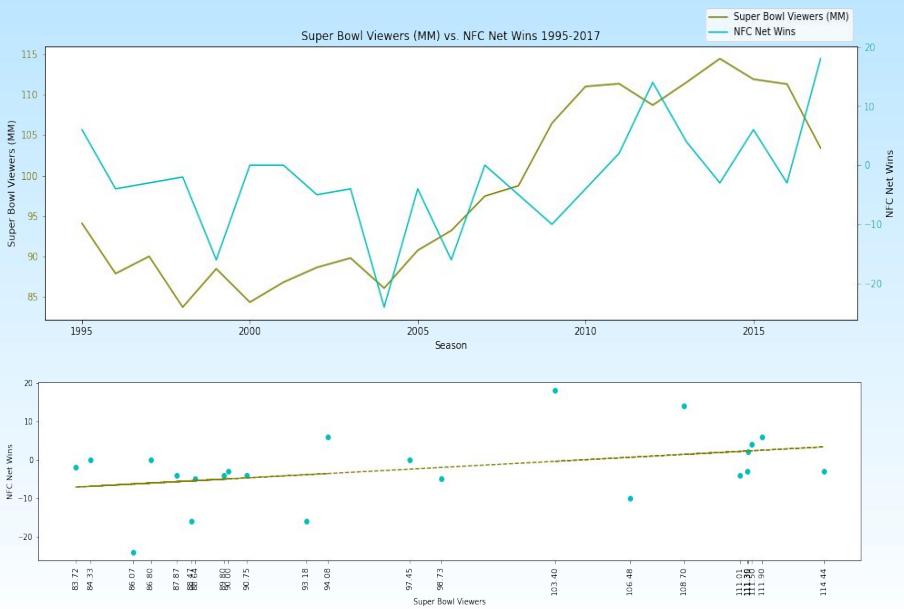


We use Net Wins/Losses so will
only present
winners



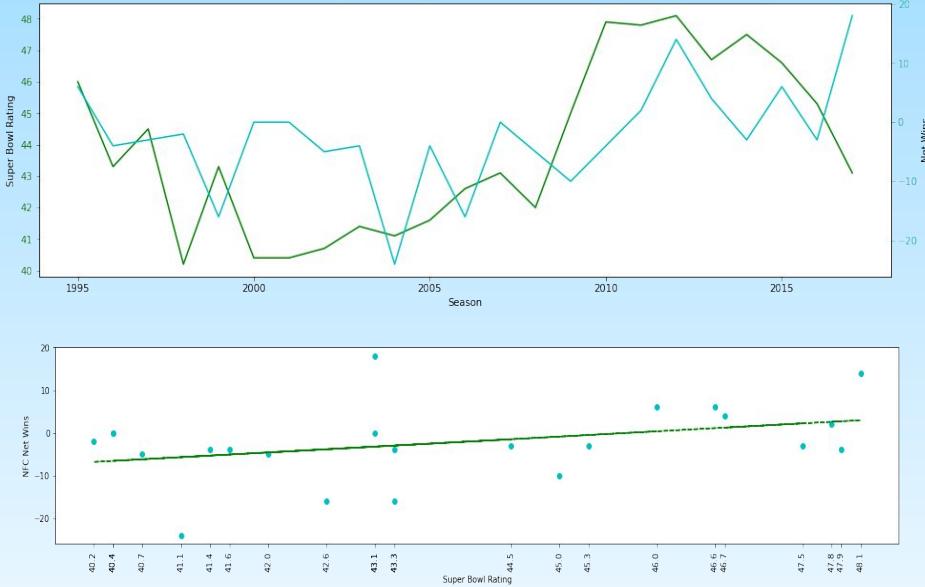
NFC Net Wins over AFC vs. Super Bowl Viewership

Correlation: .4



NFC Net Wins over AFC vs. Super Bowl Rating

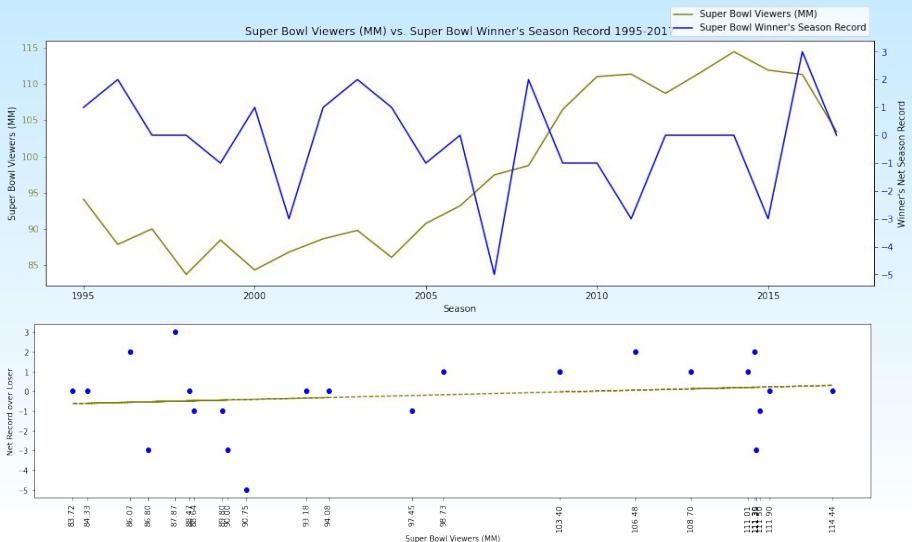
Super Bowl Ratings vs. NFC Net Wins 1995-2017



Correlation: .37

Super Bowl Viewers by Super Bowl Winner's Season

Correlation: .17



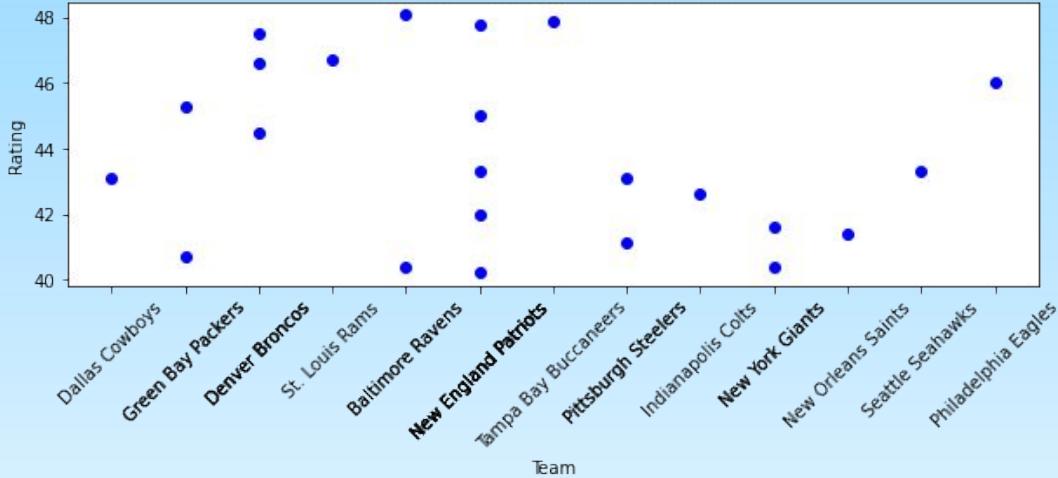
Super Bowl Ratings by Super Bowl Winner's Season

Super Bowl Ratings vs. Super Bowl Winner's Season Record 1995-2017



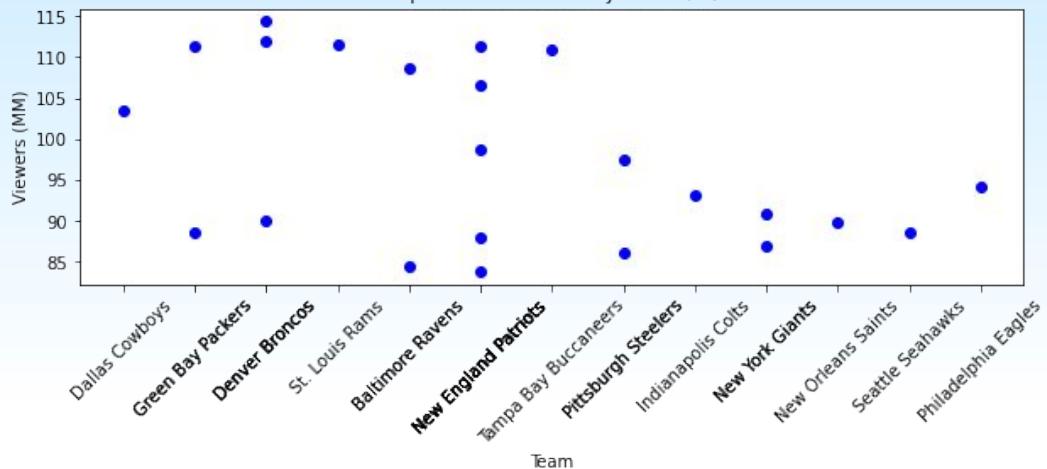
Correlation: .13

Super Bowl Ratings by Team (W)

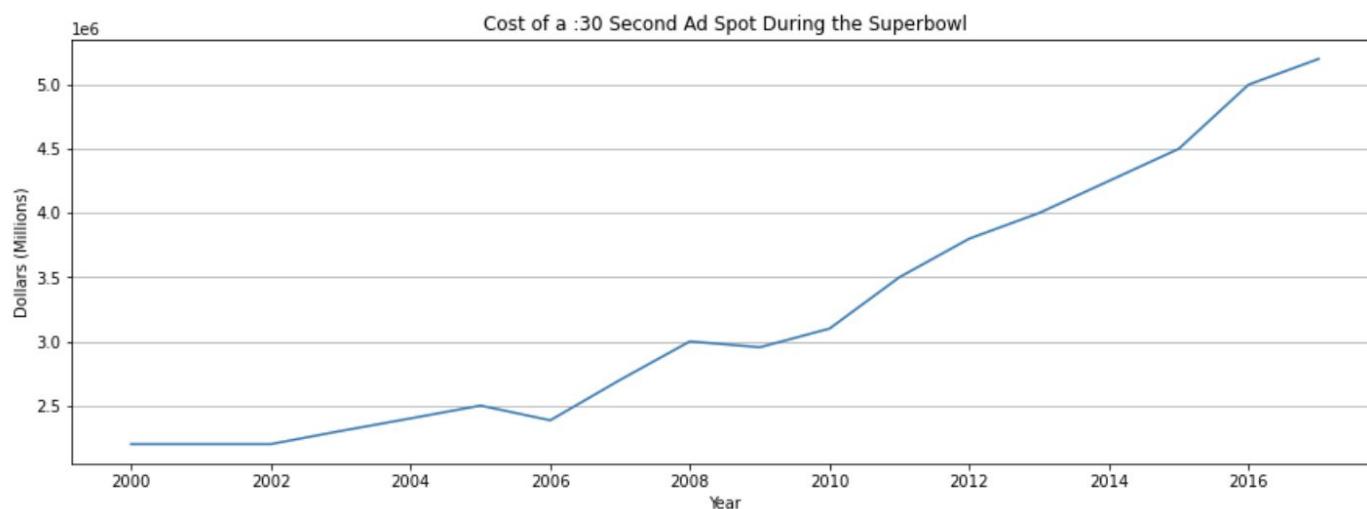


Rating and Viewership by Team -
More to look at moving forward.

Super Bowl Viewers by Team (W)



Advertising



In conclusion...

The super bowl is part of American culture and people will attend and make an event of it no matter the:

- Weather
- Price
- Match up
- Season Record