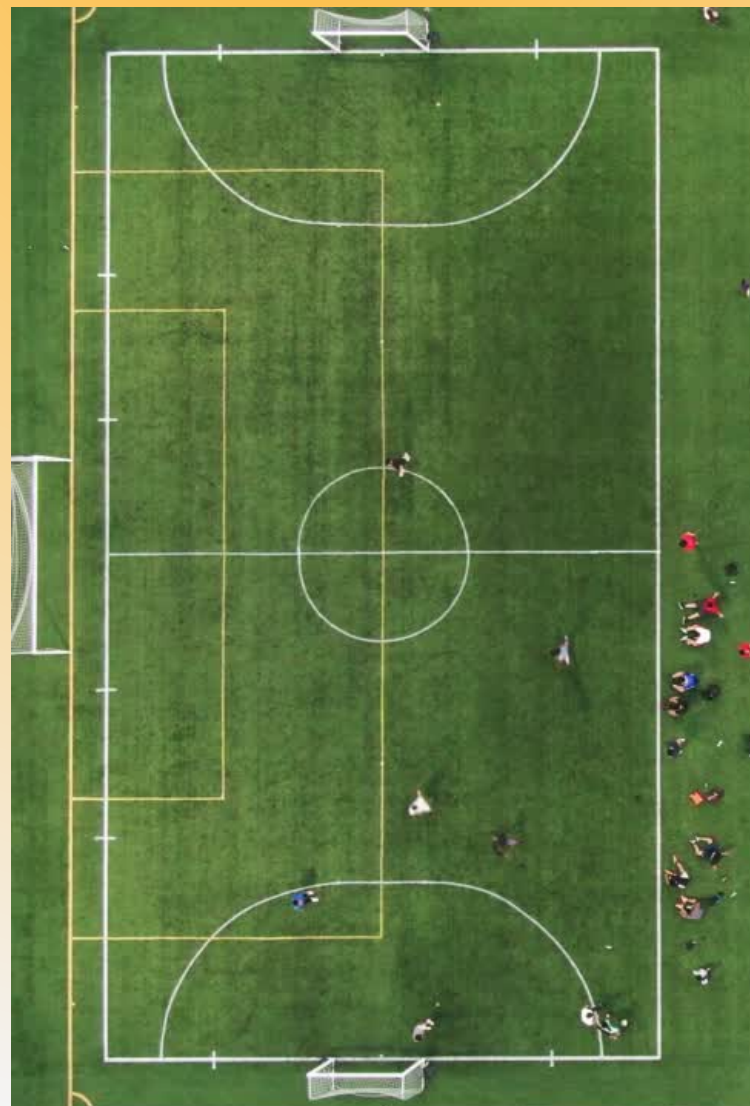




# Exploratory Data Analysis: Colombian Soccer League

By Santiago Rodriguez

# Project Overview



Through this data analysis, I want to answer the following question: How have the win percentages for the 2 major Colombian soccer teams change over the last forty years? also graphically represent how these teams have performed in this period of time.

Wikipedia was scraped for data concerning team performance by season for each team.

All Files are Located in this GitHub Repository:

- EAD: Colombian Soccer League(Top 2 Teams)





# League Formarts

1 FORMAT

Full Calendar  
Year (Aug - May)

SINCE:

1948-  
2002

2 FORMAT

Opening  
Tournament  
(Jan - Jun)

SINCE:

2002-  
NOW\*

3 FORMAT

Closing  
Tournament  
(Aug - Dec)

SINCE:

2002-  
NOW\*

\*

Due to COVID  
Pandemic, the 2020  
tournament was played  
in a Full calendar  
year(Format 1).

## Format 1

### Regular Season

- All against all (16 teams)
- 44 Dates
- the top 8 advances to the playoffs.

### Playoffs

- The 8 qualifiers are divided into two groups
- The best of each group advanced to the Finals.

### Finals

- 2 dates – (home and away matches)
- Playoffs Winner 1 and Playoffs Winner 2

\* 2 clubs are relegated and 2 clubs are promoted

## Format 2

### Regular Season

- All against all (20 teams)
- 20 dates
- the top 8 advances to the playoffs.

### Playoffs

- The 8 qualifiers are divided into two groups
- The best of each group advanced to the Finals.

### Finals

- 2 dates – (home and away matches)
- Playoffs Winner 1 and Playoffs Winner 2

## Format 3

### Regular Season

- All against all (20 teams)
- 20 dates
- the top 8 advances to the playoffs.

### Playoffs

- The 8 qualifiers are divided into two groups
- The best of each group advanced to the Finals.

### Finals

- 2 dates – (home and away matches)
- Playoffs Winner 1 and Playoffs Winner 2

\* 2 clubs are relegated and 2 clubs are promoted

# Millonarios FC



Founded  
18 June 1946; 75 years ago

**Full name:** Azul y Blanco Millonarios Fútbol Club S.A.

**Nickname(s)**

- Millos
- Embajadores (The Ambassadors)
- El Ballet Azul (The Blue Ballet)
- Los Azules (The Blues)
- Los Albiazules (The White-Blues)

**Ground**

- Estadio El Campín - Bogotá, Colombia

***League Trophies:***

***Winners (15):*** 1949, 1951, 1952, 1953, 1959, 1961, 1962, 1963, 1964, 1972, 1978, 1987, 1988, 2012–II, 2017–II

***Runners-up (10):*** 1950, 1956, 1958, 1967, 1973, 1975, 1984, 1994, 1995–96, 2021–I



# Atletico Nacional



Founded  
7 March 1947; 75 years ago

**Full name:** Atlético Nacional S. A.

**Nickname(s)**

- Los Verdolagas (The Purslanes),
- El Verde (The Green),
- Rey de Copas (King of Cups),
- El Verde de la Montaña (The Green from the Mountain),
- El Verde Paisa (The Paisa Green),
- El Siempre Verde (The Evergreen)

**Ground:** Estadio Atanasio Girardot - Medellín, Colombia

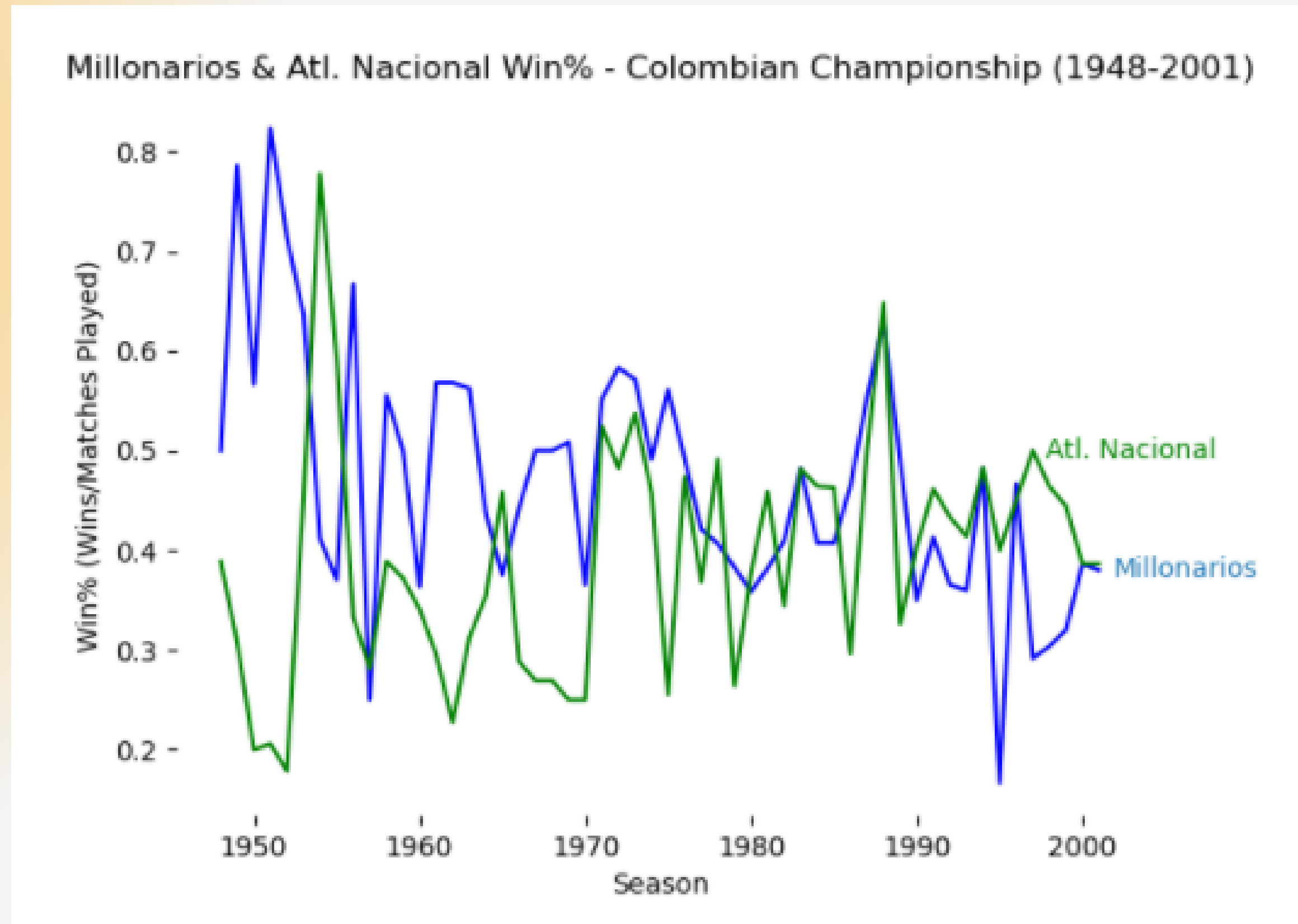
## League Trophies:

**Winners (16):** 1954, 1973, 1976, 1981, 1991, 1994, 1999, 2005–I, 2007–I, 2007–II, 2011–I, 2013–I, 2013–II, 2014–I, 2015–II, 2017–I

**Runners-up (11):** 1955, 1965, 1971, 1974, 1988, 1990, 1992, 2002–I, 2004–I, 2004–II, 2018–I

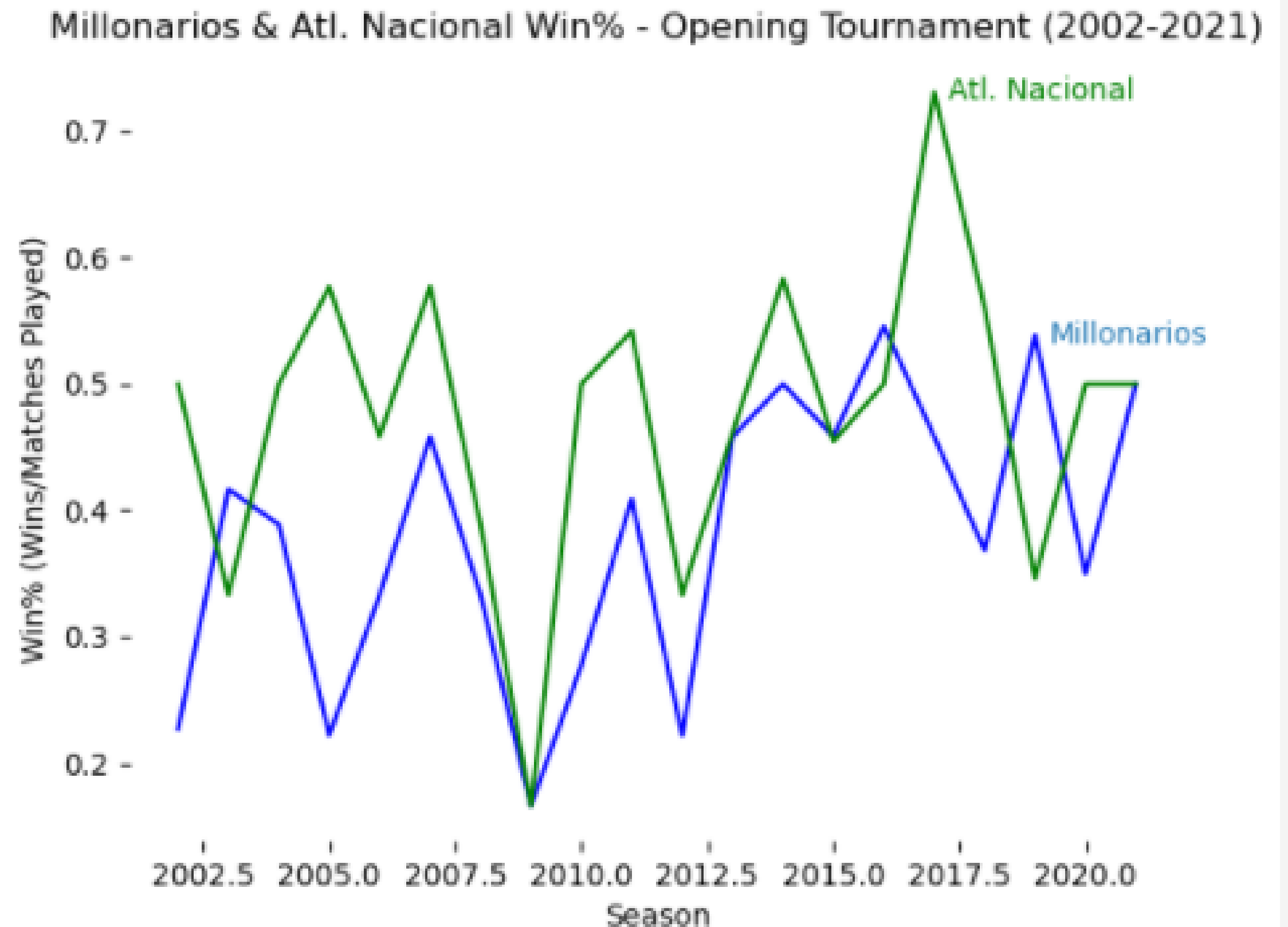
**How have the win percentages for the 2  
major Colombian soccer teams  
(Millonarios FC & Atletico Nacional)  
change over the last forty years?**

# Format 1 Win %

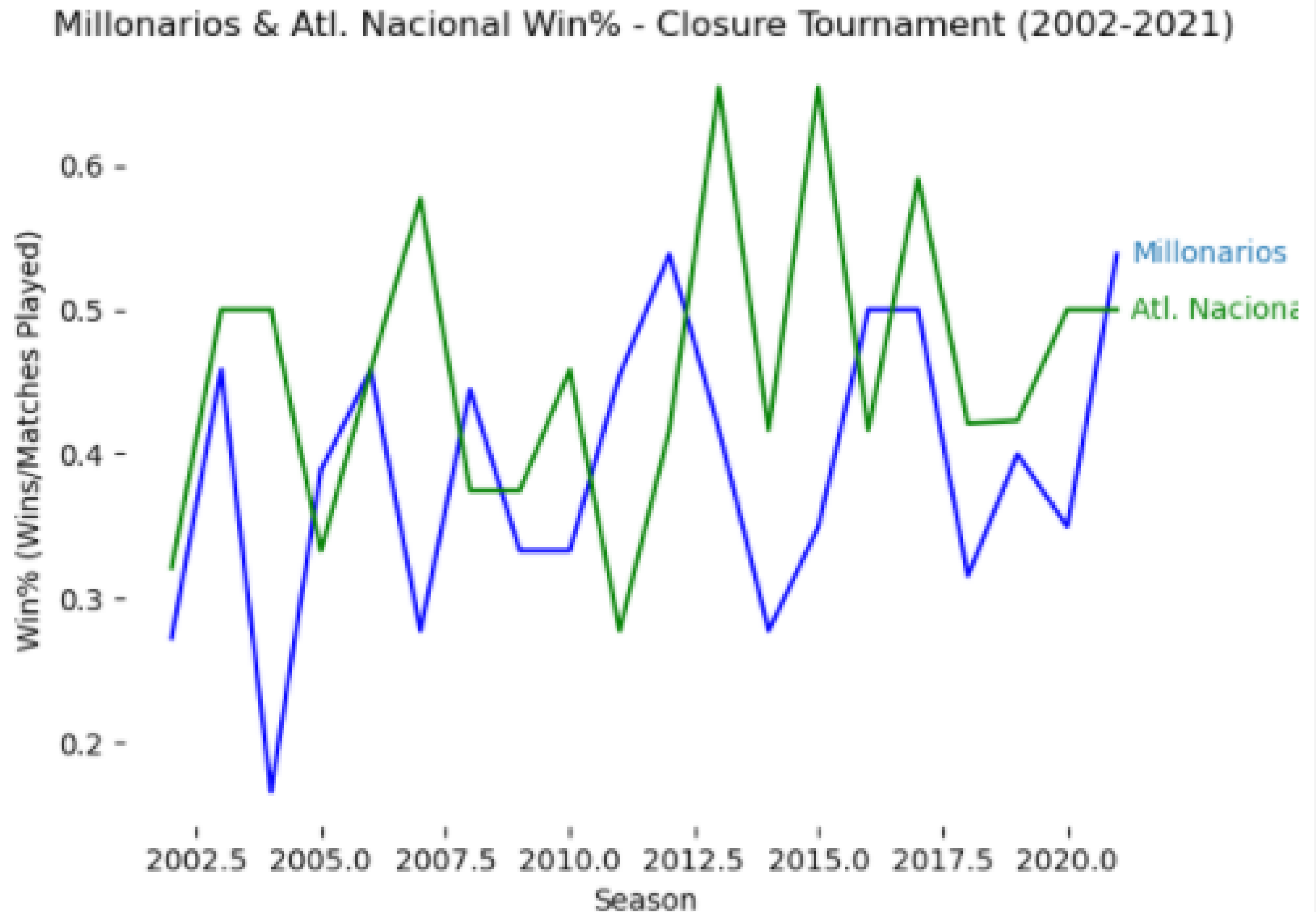




# Format 2 Win %



# Format 3 Win %



# Discussion

- A 10-year moving average was plotted to help the reader identify any major trends in the team's win percentages.
- The first plot indicates years of high win percentage for Millionarios FC around 1948 and 1960, with periods of decline following with a downward trend since the new tournament format but since 2020 the winning percentage has increase.
- Atletico Nacional win percentage shows an increase in the mid 50's and at the end of the 80's with a upward trend since the new tournament format.



# ¡Thanks for Watching!

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