THE RONALDO EFFECT!

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BACKGROUND

1. Cristiano Ronaldo dos Santos Aveiro
2. Manchester United
3. The Premier League
4. Football

INTRODUCTION

As a group of data analysts, we have been hired by the 'World Soccer' sports magazine. Since 1982, World Soccer has also organised "Player of the Year", "Manager of the Year" and "Team of the Year" awards.

Amid the thrilling matches of the FIFA World Cup, the management wants us to release a detailed report on Cristiano Ronaldo using data driven insights to attract and engage the audience.

WorldSoccer

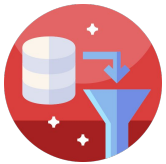
DATASETS

Premier League data

Manchester United Football Club seasons data

Ronaldo’s Career goals

Spain matches data



DATA PROCESSING

1. **List of Manchester United F.C. seasons and Premier_League_data**
   a. Changed the name of column to make it more relevant, removed the duplicates, checked for null values.
   b. Used regex to clean the columns and get the numerals for further processing.
   c. Dropped the columns which are not required.

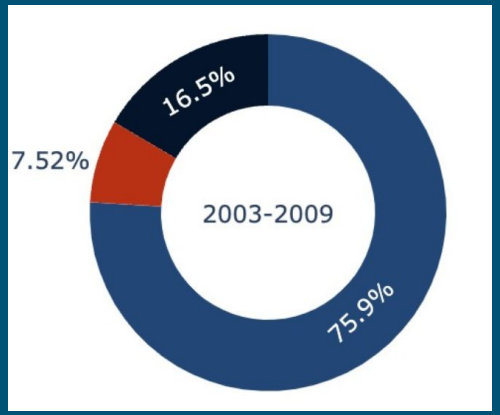
2. **Ronaldo's Career goals**
   a. Added image extension (.png) to the values in a column for easy parsing.
   b. Checked for duplicated and null values.
   c. Renaming column for easier inference.
   d. Sorting values and checking for unique values

3. **Spain matches**
   a. Converted json file to dataframe.
   b. Filtered rows from dataframe according to the team and the player.
   c. Created a separate column with Boolean values to check for conditions we would be further using for the analysis.

#1 Home ground Analysis for Manchester United

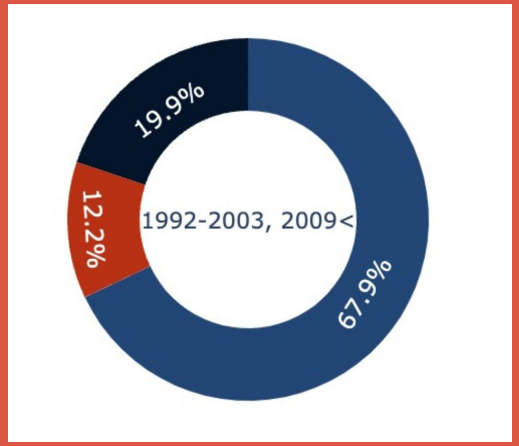
Winning %
Tie %
Losing %

GOAL!



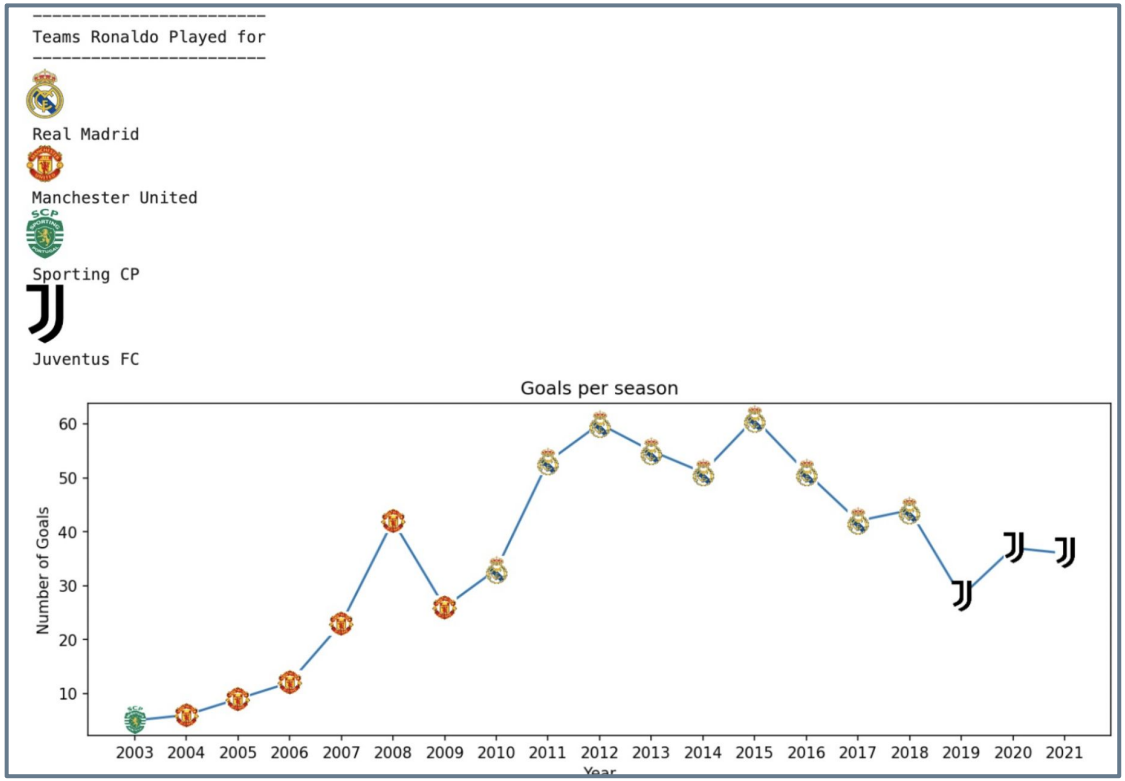
% of Home Ground Wins with Ronaldo Playing for Manchester United (2003 - 2009)

GOAL!



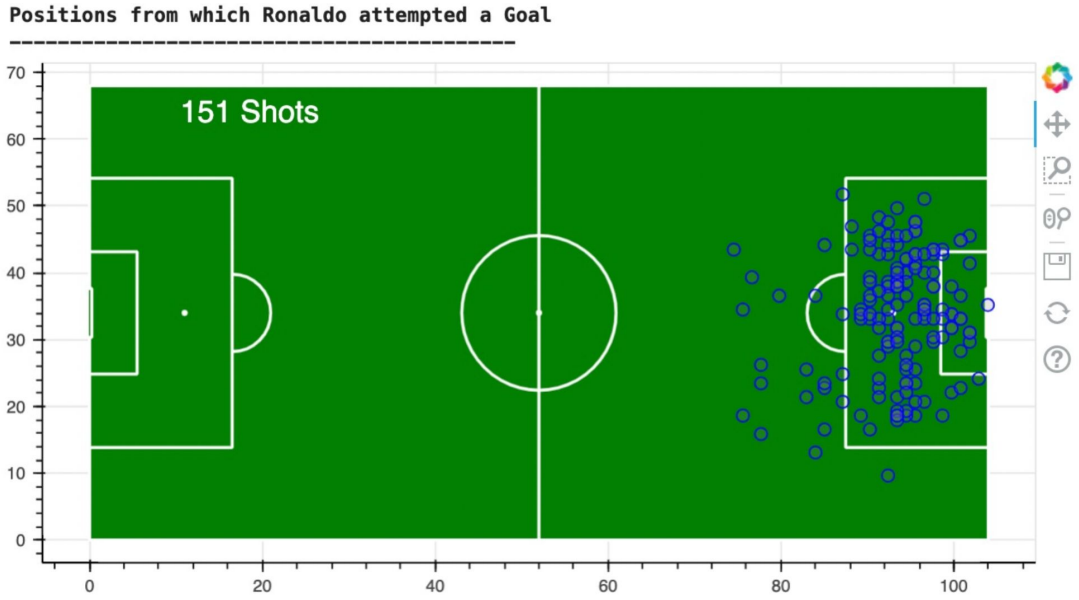
% of Home Ground Wins without Ronaldo Playing for Manchester United (Before 2003 and after 2009)

#II. CRISTIANO RONALDO'S CAREER GOALS



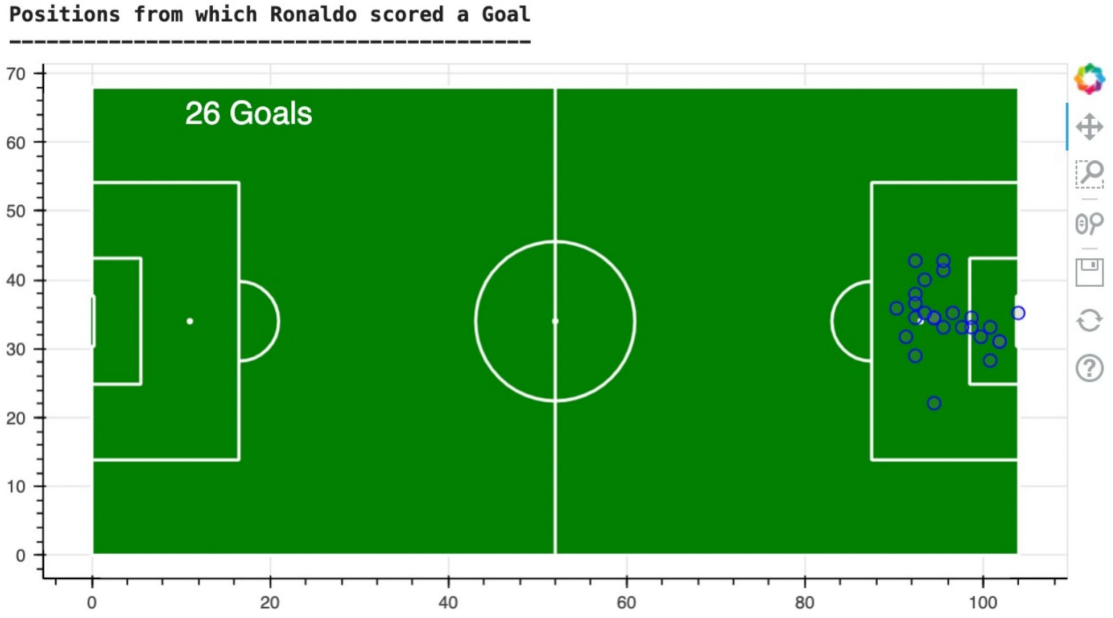
#III RONALDO GOALS SCORING PATTERNS – La liga

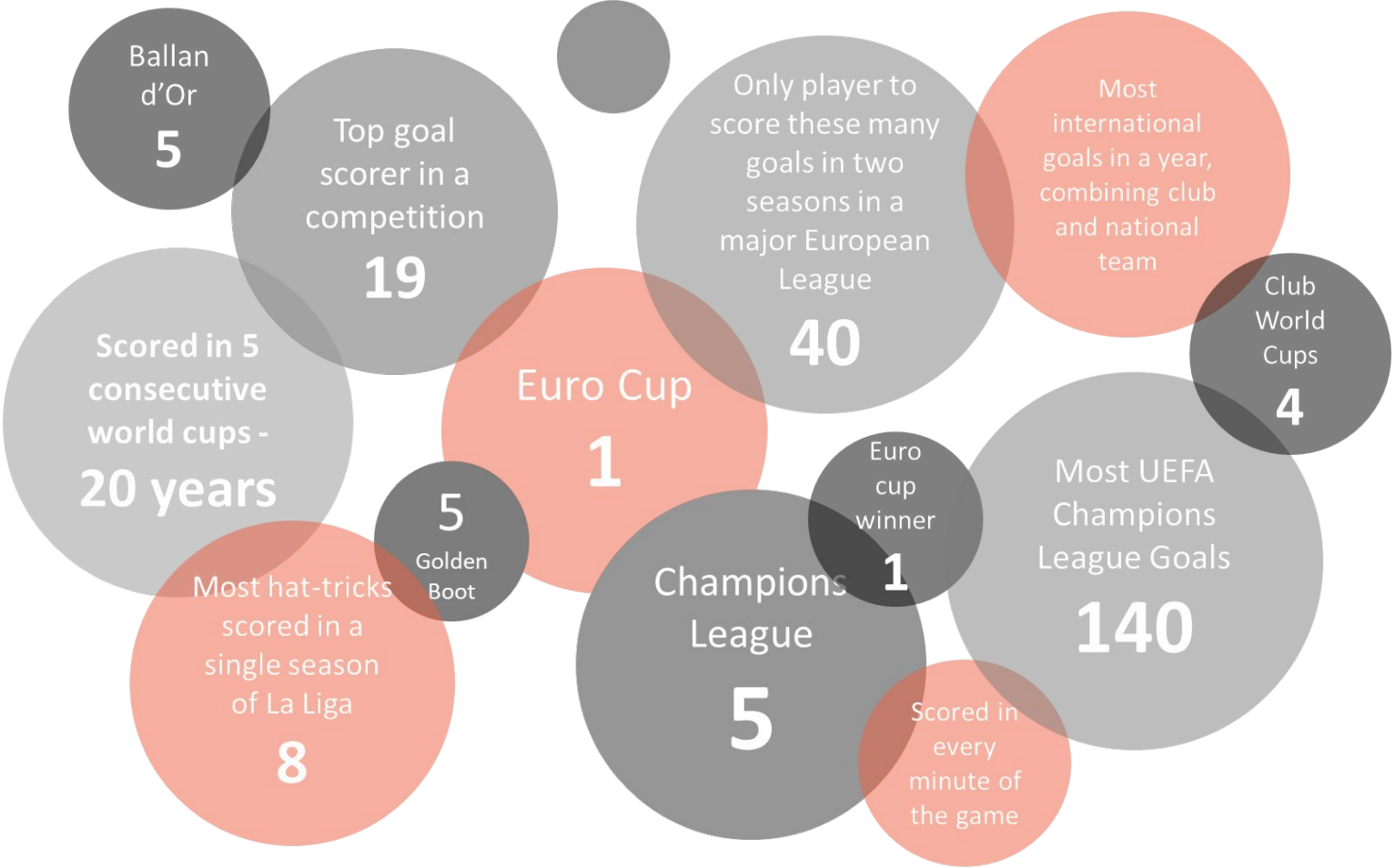
Analysis of the positions from which Ronaldo attempted a goal



#III RONALDO GOALS SCORING PATTERNS – La liga

Analysis of the positions from which Ronaldo scored a goal





"How many records do I have? I don't know. I have to enjoy the moment and thank those who helped me reach this impressive mark"**- Cristiano Ronaldo**

Concluding Remarks...