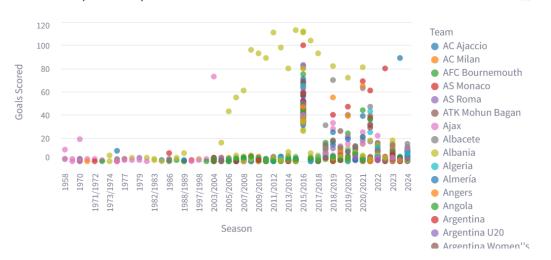


## **Football Data Analytics**

# **StatsBomb**

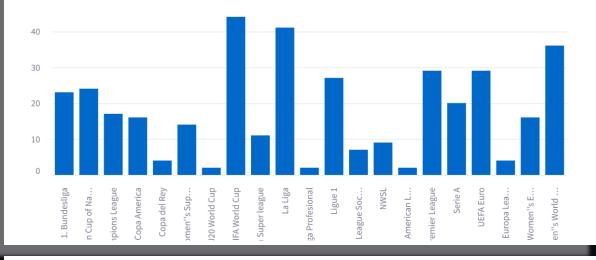
#### Goals Scored per Season per Team

Goals Scored per Season per Team



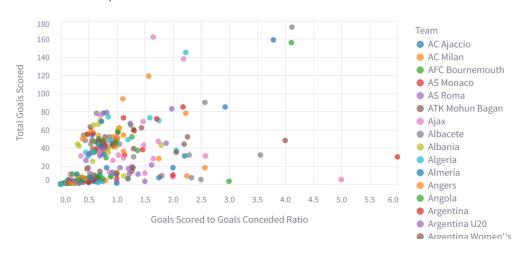
Filter out Barcelona and Paris Saint-Germain due to too much data!

### **Number of Teams per Competition**

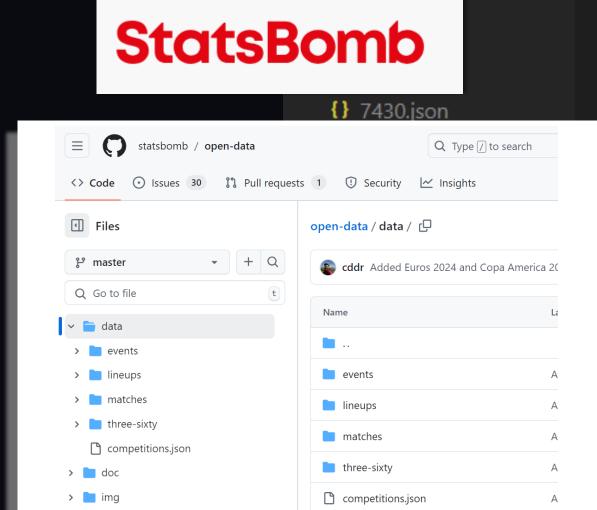


### Goals Scored Ratio (Goals Scored to Goals Conceded Ratio)

#### Goals Scored Ratio per Team



# **Football Data Analytics**



.DS\_Store

```
14
             "id" : 746,
             "name" : "Manchester City WFC"
   16
           "play pattern" : {
   17
             "id" : 1,
   18
             "name" : "Regular Play"
   19
   20
   21
           "team" : {
             "id" : 746,
   22
             "name" : "Manchester City WFC"
   23
   24
           },
           "duration" : 0.0,
   25
   26
           "tactics" : {
             "formation" : 433,
   27
             "lineup" : [ {
   28
ROBLEMS
             OUTPUT
                      DEBUG CONSOLE
                                                 PORTS
                                      TERMINAL
```

# Football Data Analytics Copilot

What if you could query unstructured data to find answers?

In the first half of the match, at the 44th minute, the action began with \*\*Jude Bellingham\*\* of England making a pass from the left wing to \*\*Harry Kane\*\*, who was positioned as the center forward. This pass set up a potential scoring opportunity as Kane received the ball at the 44:04 mark.

Just a moment later, at 44:05, \*\*Harry Kane\*\* took a shot on goal. He executed a half-volley with his right foot, aiming to score from open play. However, the shot was blocked by \*\*Rodrigo Hernández Cascante\*\* of Spain, who was quick to react and made a crucial defensive play to prevent the goal.

### Content of Q-001b\_Cosine-17306460\_.txt

### Role.user: Prompt

Count the successful passes did each team complete in the first half (minutes 41-47) and the second half (minutes 45-50)

### Role.system: System message

Answer the users QUESTION using the DOCUMENT text above. Keep your answer ground in the facts of the DOCUMENT. If the DOCUMENT does not contain the facts to answer the QUESTION return "NONE. I cannot find an answer. Please refine the question.".

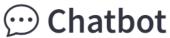
### Response

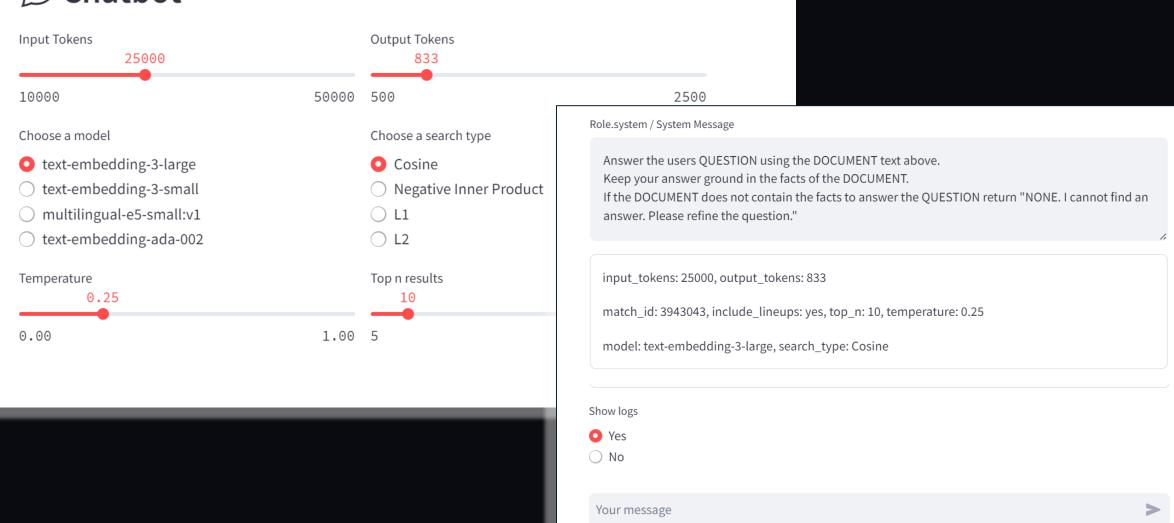
In the first half (minutes 41-47):

- Spain: 6 successful passes
- England: 1 successful pass In the second half (minutes 45-50):
- Spain: 5 successful passes
- England: 4 successful passes.

-----

# **Football Data Analytics Copilot**





# Advanced RAG Adding business data

List the critical moments or sequences, such as blocked shots, successful tackles, and goal attempts?

#### **Extensions**

- Azure\_local\_ai
- Azure ai
- Vector

In the first half (minutes 41-47):

Spain: 6 successful passes

England: 1 successful pass In the second

half (minutes 45-50):

Spain: 5 successful passes

England: 4 successful passes



User Question

- text-embedding-3-large
- text-embedding-3-small
- omultilingual-e5-small:v1

text-embedding-ada-002



embeddings

Large Language Model

- Cosine
- Negative Inner Product
- O L1
- L2



#### Script Data

In the 10th minute of the match, England's Marc Guehi committed a foul against Spain's Aymeric Laporte. This incident occurred ...

BUSINESS DATA Result, Lineups Competition, Season



Large Language Model

