**GK stats README**

**Retrieve data:**

1. Go to <https://fbref.com/en/comps/9/keepers/Premier-League-Stats>
2. Click “Share & More”
3. Click “Get table as CSV”
4. Copy CSV table into Notepad
5. Fill empty string (upper left & upper right)
6. Save as CSV file
7. Change
   1. Launched “Att” to “AttLaunch”
   2. Passes “Att” to “AttPass”
   3. Goal Kicks “Att” to “AttGK”
   4. Crosses “Att” to “AttCross”

**Column explanation:**

|  |  |  |
| --- | --- | --- |
| Category | Column name | Description |
|  | player | Players name |
| nationality | Nationality of the Player |
| squad | Team name |
| minutes\_90s\_gk | Minutes played divided by 90 |
| Goals | goals\_against | Goals Against |
| pens\_allowed | Penalty Kicks Allowed |
| free\_kick\_goals\_against | Free Kick Goals Against |
| corner\_kick\_goals\_against | Corner Kick Goals Against |
| own\_goals\_against | Own Goals Scored Against Goalkeeper |
| Expected | otxg\_gk | On Target Expected Goals (penalty kicks included) |
| otnpxg\_per\_shot\_on\_target\_against | On Target Expected Goals per Shot on Target  (not including penalty kicks) |
| otxg\_net\_gk | On Target Expected Goals minus Goals Allowed |
| otxg\_net\_per90\_gk | On Target Expected Goals minus Goals Allowed per 90 minutes |
| Launched | passes\_completed\_launched\_gk | Passes Completed  (longer than 40 yards) |
| passes\_launched\_gk | Passes Attempted  (longer than 40 yards) |
| passes\_pct\_launched\_gk | Pass Completion Percentage (longer than 40 yards) |
| Passes | passes\_gk | Passes Attempted  (not including goal kicks) |
| passes\_throws\_gk | Throws Attempted |
| pct\_passes\_launched\_gk | Percentage of Passes that were Launched (longer than 40 yards and not including goal kicks) |
| passes\_length\_avg\_gk | Average length of passes, in yards (not including goal kicks) |
| Goal Kicks | goal\_kicks | Passes Attempted (shorter than 40 yards) |
| pct\_goal\_kicks\_launched | Percentage of Goal Kicks that were Launched (longer than 40 yards) |
| goal\_kick\_length\_avg | Average length of Goal Kicks, in yards |
| Crosses | crosses\_gk | Opponent’s attempted crosses in to penalty area |
| crosses\_stopped\_gk | Number of crosses into penalty area which were successfully stopped by the goalkeeper |
| crosses\_stopped\_pct\_gk | Percentage of crosses into penalty area which were successfully stopped by the goalkeeper |
| Sweeper | def\_actions\_outside\_pen\_area\_gk | # of defensive actions outside of penalty area |
| def\_actions\_outside\_pen\_area\_per90\_gk | # of defensive actions outside of penalty area per 90 minutes |
| avg\_distance\_def\_actions\_gk | Average distance from goal to perform defensive actions |