



RELEASE

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DFL and Amazon Web Services to provide new real-time match analysis

The initial results of the cooperation between DFL Deutsche Fußball Liga and Amazon Web Services (AWS), which was announced in January this year, are now being collected and utilised in the field of data analysis. “Bundesliga Match Facts powered by AWS” will be available as of today when Matchday 28 kicks off. Each Bundesliga Match Fact gives real-time statistics for Bundesliga matches, providing new insights into the action on the pitch. The statistics are generated live from the official match data and supplied to national and international broadcasts. Furthermore, they will be used on the Bundesliga’s platforms and channels, including the Bundesliga app.

This additional match information kicks off with “Average Positions” and “Expected Goals” (xGoals):

Average Positions tracks players’ average location on the pitch in real time, helping fans to spot individual players and understand changes in play more easily. For instance, the related displays show whether a team is setting up in an attacking or defending style, pressing up the middle, or using the wings more. The data is calculated on the basis of around 3.6 million data points per match and will be supplied to all international Bundesliga live broadcasts.

The xGoals model is able to show the probability of a player scoring a goal in a specific situation. Goal probability is calculated in real time after each shot on goal, giving viewers information on the difficulty of a shot and the likelihood of a goal. A high number of variables, derived from the tracking of positional data, are used in the calculation process, including distance to goal, angle to goal, player speed, number of defenders in line of shot, and goalkeeper coverage. The xGoals model is based on historical data from around 40,000 shots on goal, and will be used in all international highlight clips.

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