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SPT302-R

Revolutionizing the soccer viewing experience with Bundesliga Match Facts

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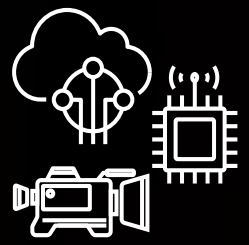
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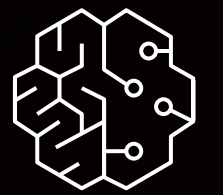


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Building a Bundesliga Match Fact



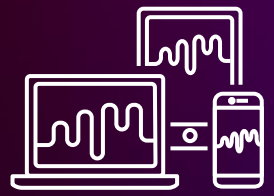
Data capture



Machine learning



Visualization



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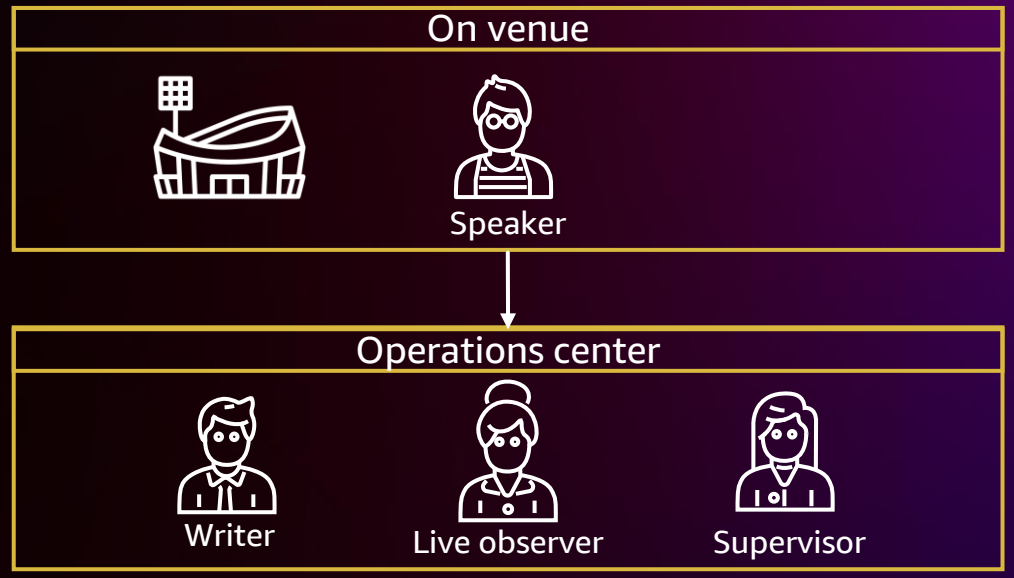
Data capture

Positional data



3.6 million data points per match

Event data



1,600 data points per match

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Machine Learning



AMAZON SAGEMAKER STUDIO IDE

Prepare data | Store features | Detect bias | Build with notebooks | Train models | Tune parameters | Deploy in production | Explain predictions | Manage & monitor

CI/CD

Deployed model endpoint

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ANGLE TO GOAL
18.73°

PLAYERS IN SHOT LINE
Roman Bürki, Manuel Akanji

TEAM
FC Bayern München

PLAYER
Joshua Kimmich

PLAYER SPEED
12.43 km/h

GOALKEEPER DISTANCE FROM GOAL
3.35 m

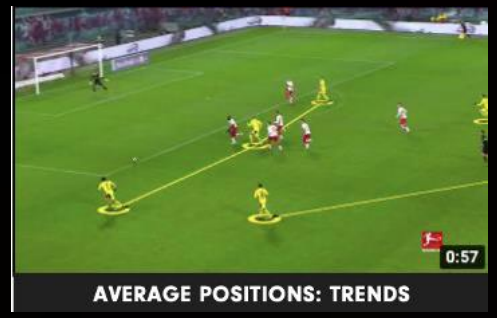
KIMMICH DISTANCE TO GOAL CENTER
20.47 m

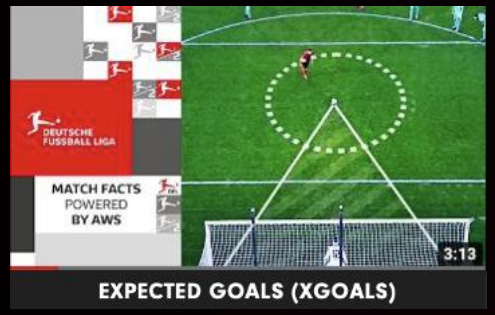
PRESSURE
0.43

xGOALS PROBABILITY OF SCORING FROM THIS SITUATION
6.41%

For simplicity, this infographic does not show 8 more data points used to calculate xGoals. These include measurements of player positions and further distances and angles from goal.

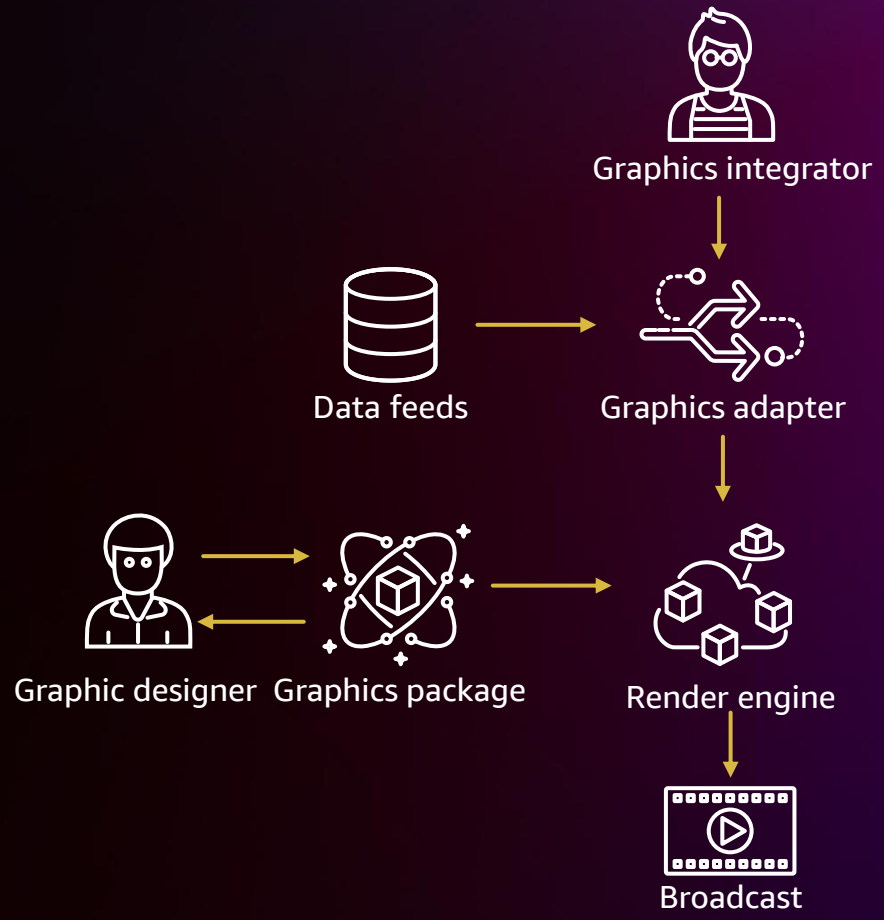
Visualization





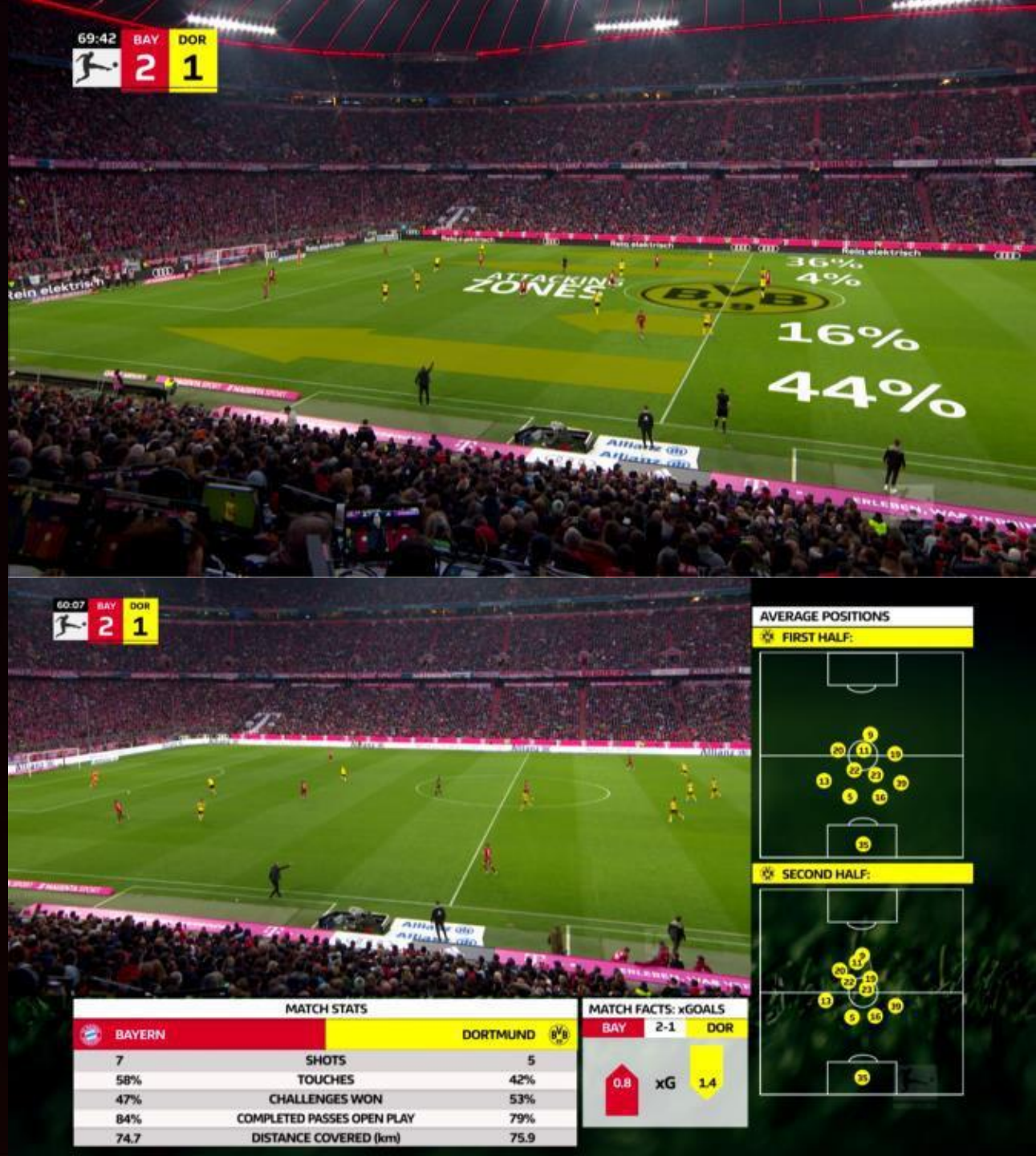






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Interactive/ tactical feed

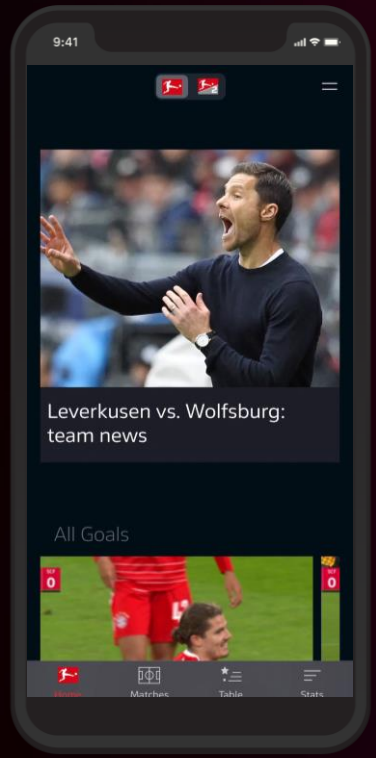


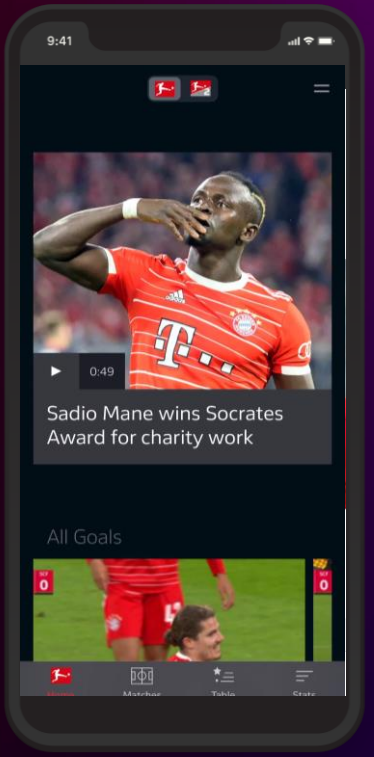
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Bundesliga app



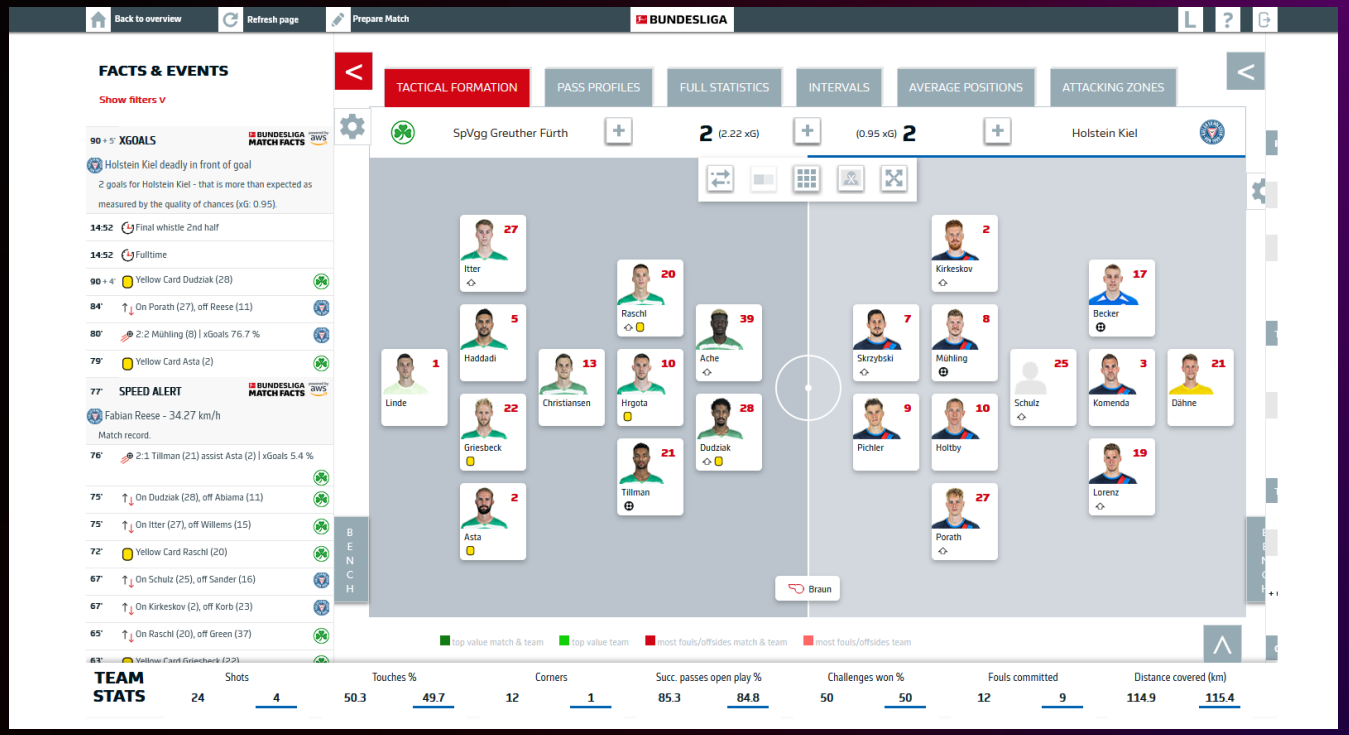


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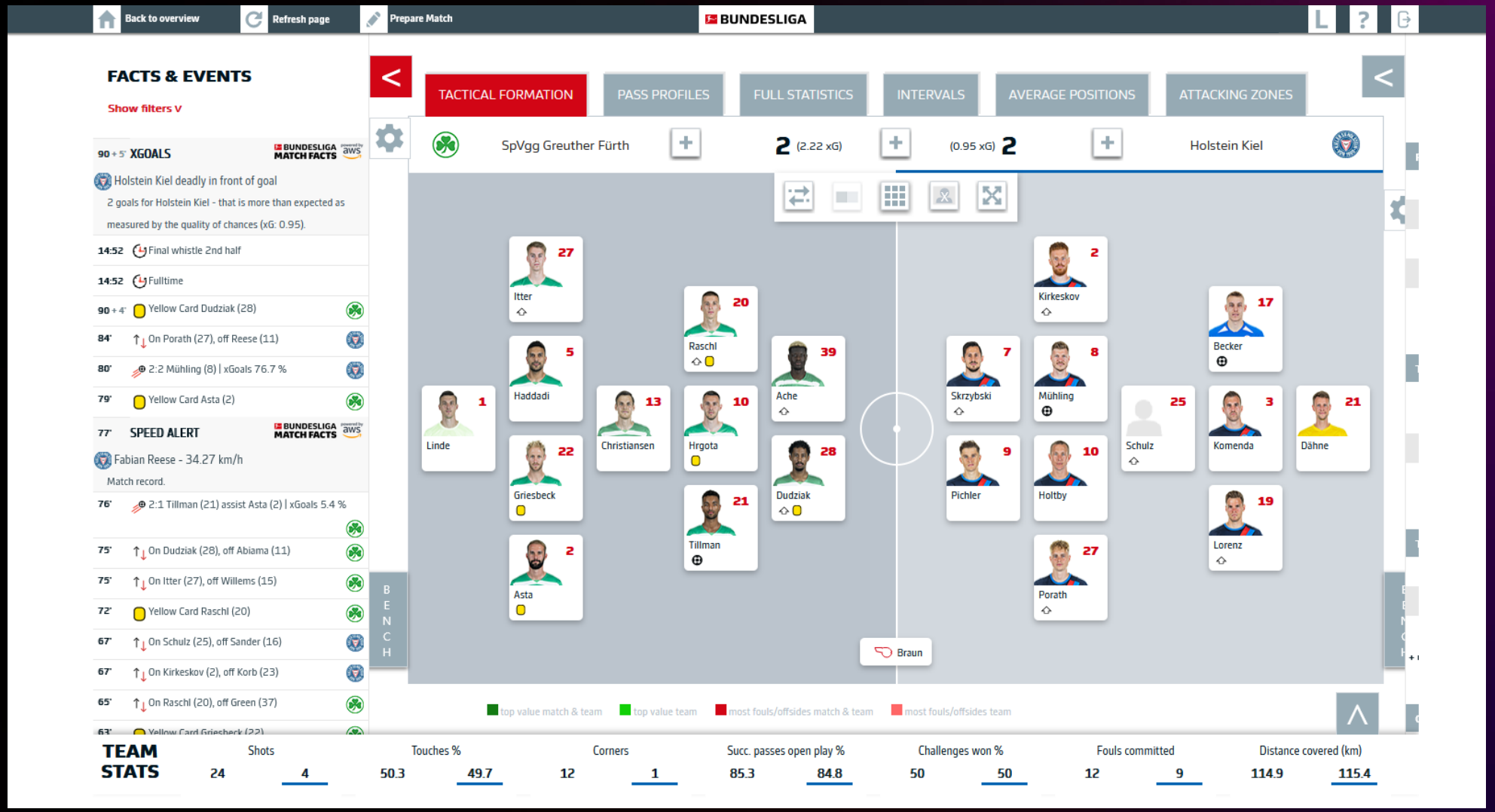
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Commentary Live System (CLS)



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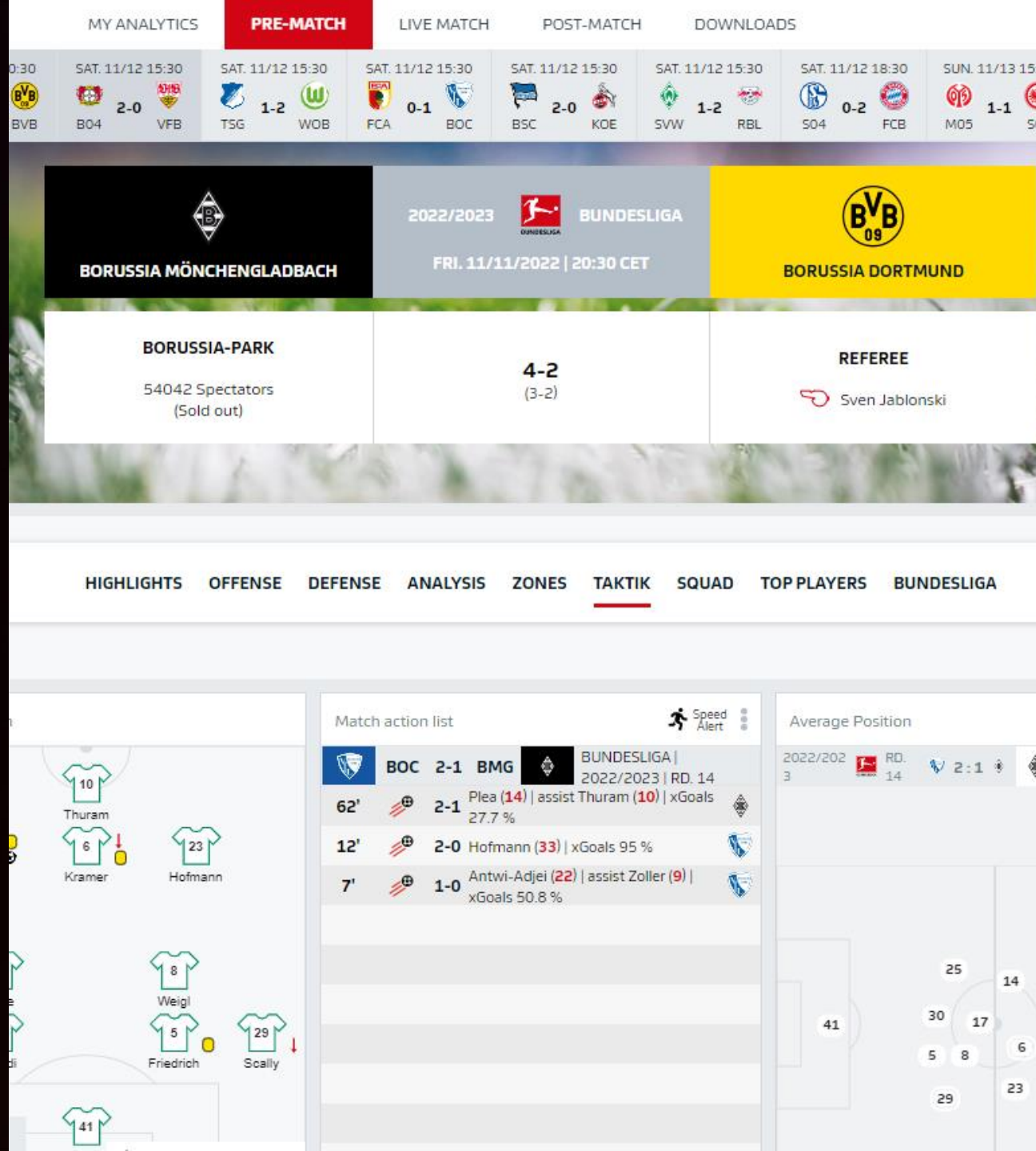
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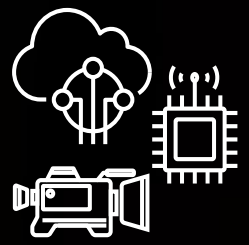
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Match Analytics Hub (MAH)

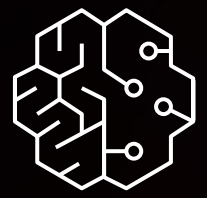


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Building a Bundesliga Match Fact



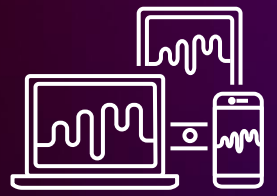
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Machine learning



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