1. **Injury Prevention:** Analyze physical attributes to reduce injury risks and improve fitness regimens.

* I have created a calculated measure called Injury Risk.

InjuryRisk =

AVERAGEX(

    'Fifa Olympics dataset (2)',

    IF('Fifa Olympics dataset (2)'[Stamina] < 45, 20, 0) +

    IF('Fifa Olympics dataset (2)'[Strength] < 45, 20, 0) +

    IF('Fifa Olympics dataset (2)'[Balance] < 45, 20, 0) +

    IF('Fifa Olympics dataset (2)'[Agility] < 45, 20, 0)

)

* I have displayed a **Count card** showing the number of players are at risk in each club also in total.

For that I have used a Calculated measure as follows:

Calculating count rows function with OR formula is used.

AtRiskPlayers =

CALCULATE(COUNTROWS('Fifa Olympics dataset (2)'),

'Fifa Olympics dataset (2)'[Stamina] < 45 ||

'Fifa Olympics dataset (2)'[Strength] < 45 ||

'Fifa Olympics dataset (2)'[Balance] < 45 ||

'Fifa Olympics dataset (2)'[Agility] < 45)

* A **suggestion card** “AtRiskPlayer\_Suggestions” to display what the player can follow in order to overcome the physical weakness to avoid injury risk is displayed with the below formula:

A switch formula is used.

AtRiskPlayer\_Suggestions =

SWITCH(

    TRUE(),

    AVERAGE('Fifa Olympics dataset (2)'[Stamina]) < 45, "Stamina Low: Focus on endurance runs",

    AVERAGE('Fifa Olympics dataset (2)'[Strength]) < 45, "Strength Low: Focus on weight training",

    AVERAGE('Fifa Olympics dataset (2)'[Balance]) < 45, "Balance Low: Focus on balance exercises",

    AVERAGE('Fifa Olympics dataset (2)'[Agility]) < 45, "Agility Low: Focus on agility drills",

    "All Attributes Normal - Maintain current fitness regimen"

)