

لذا پرسش لیری از تیم ها:

آمار بازی های انجام شده یک تیم در یک نوع لیگ

Home - Matches

$$\leftarrow \text{Team} \bowtie_{\text{Team-ID} = \text{Play-As-Host}} \text{STATS}$$

Away - Matches

$$\leftarrow \text{Team} \bowtie_{\text{Team-ID} = \text{Play-As-Away}} \text{STATS}$$

Rival - ID

$$\leftarrow \pi_{\text{Play-As-Away}} (\text{Home-Matches}) \cup \pi_{\text{Play-As-Home}} (\text{Away-Matches})$$

Rivals Team Name

$$\leftarrow \pi_{\text{name}} (\text{Rival-ID} \bowtie_{\text{Rival-ID} = \text{Team-ID}} \text{TEAM})$$

$$\text{MatchesResults} \leftarrow \pi_{\text{Result}} (\text{Home-Matches} \cup \text{Away-Matches})$$

$$\text{Goal-scored} \leftarrow \pi_{\text{Home-Goal(s)}} (\text{Home-Matches} * \text{MATCH}) \cup \pi_{\text{Away-Goal(s)}} (\text{Away-Matches} * \text{MATCH})$$

$$\text{Goal-Conceded} \leftarrow \pi_{\text{Away-Goal(s)}} (\text{Home-Matches} * \text{MATCH}) \cup \pi_{\text{Home-Goal(s)}} (\text{Away-Matches} * \text{MATCH})$$

SQUAD

$$\leftarrow \pi_{\text{squad-Formation}} (\text{Home-Matches} \cup \text{Away-Matches})$$

تاریخچه مربیان تیم به همراه اطلاعات قرارداد

$$\text{COACHS} \leftarrow ((\text{TEAM} * \text{COACH SIGNS}) * \text{COACH})$$

$$\text{Coachs names} \leftarrow \pi_{F\text{-name}, L\text{-name}} (\text{COACHS} * \text{PERSON})$$

$$\text{Contract Date} \leftarrow \pi_{\text{start_Date}, \text{Exp_Date}} (\text{COACHS} * \text{CONTRACT})$$

$$\text{SALARY COACH} \leftarrow \pi_{\text{cost}} (\text{COACHS} * \text{CONTRACT})$$

$$\text{COACH-Result} \leftarrow \pi_{\text{Result}} \left(\text{COACHS} \bowtie_{\text{Team-ID} = \text{Play-AS-Host} \vee \text{Team-ID} = \text{Play-AS-Away}} (\text{STATS}) \right)$$

$$\text{COACHSWARN} \leftarrow \pi_{w\text{-ID}} (\text{COACHS} * \text{WARNING})$$

آمار فنی بازیکنان کنونی تیم

$$\text{Teams Player} \leftarrow (\text{TEAM} * \text{PLAYER SIGNS}) * \text{PLAYER}$$

$$\text{Players Stats} \leftarrow \pi_{\text{Player-ID}, \text{Rating}} (\text{Teams Player} * \text{PLAY})$$

$$\text{Players Contract} \leftarrow \pi_{\text{cost}, \text{Exp Date}, \text{Start Date}} (\text{Teams Player} * \text{CONTRACT})$$

آمار مربیان فعلی

$$\text{Team Coach} \leftarrow \left(\pi_{\text{Team-ID}, \text{Contract-ID}} (\text{TEAM} * \text{COACH SIGNS}) \right) \bowtie_{\text{Contract-ID} = \text{Current-Contract}} \text{COACH}$$

$$\text{CurrentCoachID} \leftarrow \pi_{\text{coach-ID}} (\text{Team Coach})$$

$$\text{Coach Contract Info} \leftarrow \left(\pi_{\text{Contract-ID}} \left(\sigma_{\text{Coach-ID} = \text{CurrentCoachID}} (\text{COACH SIGNS}) \right) \right) * \text{CONTRACT}$$

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Teams Staffs $\leftarrow (TEAM * STAFF SIGNS) * STAFF$

Staffs_Role_Name $\leftarrow \pi_{Role, Fname, Lname} (Teams Staffs * PERSON)$

Staffs Contract $\leftarrow \pi_{cost, Exp Date, Start Date} (Team Staffs \bowtie_{current - contract = Contract - 10} CONTRACT)$