LIVERPOOL PROJECT

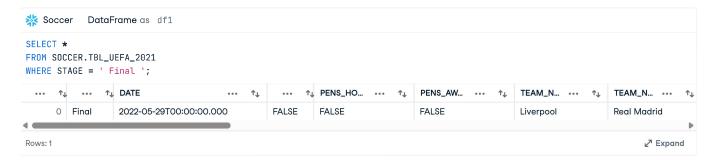


3 hidden cells

```
🔆 Soccer
            DataFrame as df
SELECT STAGE, TEAM_NAME_HOME AS home_team, TEAM_NAME_AWAY AS away_team, TEAM_HOME_SCORE AS home_goals, TEAM_AWAY_SCORE AS
away_goals
FROM SOCCER.TBL UEFA 2022
WHERE TEAM_NAME_HOME = 'Liverpool'
   OR TEAM_NAME_AWAY = 'Liverpool'
SELECT STAGE, TEAM_NAME_HOME AS home_team, TEAM_NAME_AWAY AS away_team, TEAM_HOME_SCORE AS home_goals, TEAM_AWAY_SCORE AS
away qoals
FROM SOCCER.TBL_UEFA_2021
WHERE TEAM_NAME_HOME = 'Liverpool'
   OR TEAM_NAME_AWAY = 'Liverpool'
UNION ALL
SELECT STAGE, TEAM_NAME_HOME AS home_team, TEAM_NAME_AWAY AS away_team, TEAM_HOME_SCORE AS home_score, TEAM_AWAY_SCORE AS
away_goals
FROM SOCCER.TBL_UEFA_2020
WHERE TEAM_NAME_HOME = 'Liverpool'
   OR TEAM_NAME_AWAY = 'Liverpool'
    ORDER BY CASE
             WHEN home_team = 'Liverpool' THEN home_goals
             ELSE away_goals
          END, STAGE;
           \uparrow_{\downarrow}
                 STAGE
                                                                                   HOME_TEAM
                                                                                                                                AWAY_TEAM
                                                                               1.L
index
       ...
             0
                 Final
                                                                                                                                Real Madrid
                                                                                   Liverpool
             1
                 Round of 16 second leg
                                                                                    Real Madrid
                                                                                                                                Liverpool
                 Round of 16 second leg
                                                                                   Liverpool
                                                                                                                                Inter
              3 Group stage: Matchday 1
                                                                                   Napoli
                                                                                                                                Liverpool
                                                                                                                                FC Porto
             4
                 Group stage: Matchday 5
                                                                                   Liverpool
             5
                 Group stage: Matchday 2
                                                                                   Liverpool
                                                                                                                                Ajax
             6 Group stage: Matchday 3
                                                                                   Liverpool
                                                                                                                                Rangers
              7
                 Group stage: Matchday 4
                                                                                   Liverpool
                                                                                                                                Atlético de Mo
                 Group stage: Matchday 6
                                                                                   Liverpool
                                                                                                                                Napoli
             9
                 Group stage: Matchday 6
                                                                                   Milan
                                                                                                                                Liverpool
            10
                 Round of 16 first leg
                                                                                   Liverpool
                                                                                                                                Real Madrid
                 Round of 16 first leg
                                                                                   Inter
            11
                                                                                                                                Liverpool
                 Semi-finals first leg
                                                                                                                                Villarreal
            12
                                                                                   Liverpool
                 Group stage: Matchday 3
                                                                                   Atlético de Madrid
                                                                                                                                Liverpool
            14
                 Group stage: Matchday 5
                                                                                   Ajax
                                                                                                                                Liverpool
            15 Quarter-finals first leg
                                                                                   Benfica
                                                                                                                                Liverpool
Rows: 20

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```
🔆 Soccer
           DataFrame as df2
SELECT
    TEAM_NAME_HOME AS home_team,
    TEAM_NAME_AWAY AS away_team,
    DUELS_WON_HOME AS home_duels_won,
    DUELS_WON_AWAY AS away_duels_won,
    CASE
        WHEN TEAM_NAME_HOME = 'Liverpool' AND TEAM_HOME_SCORE > TEAM_AWAY_SCORE THEN 'Liverpool Won'
        WHEN TEAM_NAME_AWAY = 'Liverpool' AND TEAM_AWAY_SCORE > TEAM_HOME_SCORE THEN 'Liverpool Won'
        ELSE 'Liverpool Did Not Win'
    END AS liverpool_result
FROM
    SOCCER.TBL_UEFA_2022
WHERE
    TEAM_NAME_HOME = 'Liverpool'
    OR TEAM_NAME_AWAY = 'Liverpool'
UNION ALL
SELECT
    TEAM_NAME_HOME AS home_team,
    TEAM_NAME_AWAY AS away_team,
    DUELS_WON_HOME AS home_duels_won,
    DUELS_WON_AWAY AS away_duels_won,
    CASE
        WHEN TEAM_NAME_HOME = 'Liverpool' AND TEAM_HOME_SCORE > TEAM_AWAY_SCORE THEN 'Liverpool Won'
        WHEN TEAM_NAME_AWAY = 'Liverpool' AND TEAM_AWAY_SCORE > TEAM_HOME_SCORE THEN 'Liverpool Won'
        ELSE 'Liverpool Did Not Win'
    END AS liverpool_result
FROM
    SOCCER.TBL_UEFA_2021
WHERE
    TEAM_NAME_HOME = 'Liverpool'
    OR TEAM_NAME_AWAY = 'Liverpool'
UNION ALL
SELECT.
    TEAM_NAME_HOME AS home_team,
    TEAM_NAME_AWAY AS away_team,
    DUELS_WON_HOME AS home_duels_won,
    DUELS_WON_AWAY AS away_duels_won,
    CASE
        WHEN TEAM_NAME_HOME = 'Liverpool' AND TEAM_HOME_SCORE > TEAM_AWAY_SCORE THEN 'Liverpool Won'
        WHEN TEAM_NAME_AWAY = 'Liverpool' AND TEAM_AWAY_SCORE > TEAM_HOME_SCORE THEN 'Liverpool Won'
        ELSE 'Liverpool Did Not Win'
    END AS liverpool_result
FROM
    SOCCER.TBL_UEFA_2020
WHERE
    TEAM_NAME_HOME = 'Liverpool'
    OR TEAM_NAME_AWAY = 'Liverpool'
ORDER BY
    liverpool_result DESC,
    home duels won DESC.
    away_duels_won DESC;
index ··· ↑ HOME_TEAM
                                                         AWAY_TEAM
                                                                                                  HOME_DUELS_WON
                                                                                                                              \uparrow_{\downarrow}
                                                                                                                                   AWAY
            0 Villarreal
                                                         Liverpool
                                                                                                                             0.49
            1 Liverpool
                                                         Ajax
                                                                                                                             0.48
            2 Rangers
                                                                                                                             0.48
                                                         Liverpool
            3 Inter
                                                         Liverpool
                                                                                                                             0.48
                                                                                                                             0.43
            4 Benfica
                                                         Liverpool
            5 Liverpool
                                                         Villarreal
                                                                                                                             0.41
            6 Liverpool
                                                         FC Porto
                                                                                                                             0.41
            7 Liverpool
                                                         Napoli
                                                                                                                             0.41
                                                                                                                             0.39
            8 Liverpool
                                                         Rangers
            9 Milan
                                                         Liverpool
                                                                                                                             0.37
           10
               Atlético de Madrid
                                                         Liverpool
                                                                                                                             0.36
           11
               FC Porto
                                                         Liverpool
                                                                                                                             0.36
           12
               Ajax
                                                         Liverpool
                                                                                                                             0.35
```

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13	Liverpool	Atlético de Madrid	0.35	
14	Liverpool	Real Madrid	0.45	
15	Napoli	Liverpool	0.44	
Rows: 20				xpand

5 hidden cells