1. **Initialization:**
   * batsman: Starts at 0 points.
   * bowler: Starts at 0 points.
   * fielder: Starts at 0 points.
2. **Determine Runs:**
   * runsOffBat: Calculated as the runs scored *only* if it wasn't a Bye and wasn't an Extra (except for runs scored off a No-Ball).
   * runsConcededByBowler: Calculated as runsOffBat plus any extraRuns associated with Wide or NoBall (Byes are excluded).
3. **Batting Points (Awarded only on legal deliveries hit by the bat):**
   * if (!is\_extra && !is\_bye):
     + 0 Runs scored off bat (runsOffBat === 0): **-0.5 points**
     + 1 Run scored off bat (runsOffBat === 1): **+1 point**
     + 2 Runs scored off bat (runsOffBat === 2): **+3 points**
     + 4 Runs scored off bat (runsOffBat === 4): **+6 points**
     + 8 Runs scored off bat (runsOffBat === 8): **+10 points** (4 runs in a super over)
4. **Bowling Points (Byes are ignored for bowler):**
   * if (!is\_bye):
     + 0 Runs conceded by bowler (runsConcededByBowler === 0) AND it was a legal ball (!is\_extra): **+1 points** (Dot ball bonus)
     + 0 Runs conceded by bowler (runsConcededByBowler === 0) AND it was a not legal ball (is\_extra): **-0.5 points**
     + Runs conceded by bowler (runsConcededByBowler > 0) AND it was a not legal ball (is\_extra): **-1 point**
     + 1 Run conceded by bowler (runsConcededByBowler === 1) AND it was a legal ball (!is\_extra): **0 points**
     + 2 Runs conceded by bowler (runsConcededByBowler === 2): **-1 points**
     + 4 Runs conceded by bowler (runsConcededByBowler === 4): **-2 points**
     + 8 Runs conceded by bowler (runsConcededByBowler === 8): **-4 points**
   * if (is\_wicket && !['Run Out'].includes(wicket\_type)):
     + Wicket taken (Bowled, Caught, Stumped, Hit Outside, Hit Wicket): **+10 points** (Run outs are excluded for the bowler)
5. **Fielding Points:**
   * if (is\_wicket && (wicket\_type === 'Caught' || wicket\_type === 'Stumped')):
     + Catch or Stumping occurred: **+5 points** (Assigned to the fielder\_id involved)