IPL Assignment

1. Match Statistics

- Toss outcome vs Match outcome (for each Ground/Venue)
  multiple factors are used to calculate this such as Toss decision, results CNTD – Mtach ID.
  Venue is used to filter. Also, to give different colors Toss decision is given the different colors.
  It will show that how many matches were done at specific ground.

- Biggest wins (by runs and by wicket) – used Sum of win by runs and by wickets, ID and
  winners. Winners also used to give different colors. It is used to calculate runs

- Highest totals (across all the seasons) – Parameters used – date, match innings, bating team,
  Sum Total Runs etcs. It shows the highest total over all the seasons.

2. Player Statistics

- Orange Cap contenders (The batsmen who have scored the maximum number of runs in a
  particular season) – Date, batman and sum(Batman runs). It used to calculate runs over the
  years. And it shows the highest runs.

- Purple Cap contenders (The bowlers who have taken the maximum number of wickets in a
  particular season) – It shows the max number of wickets over the period of time or year. Date,
  bowler, Dismissal kind etc parameters are used to calculate.

- Batsmen who have hit the most number of fours and sixes (per season and overall)I have used if
  else to calculate max 6's and 4's across all the seasons.

3. Team Statistics

- Season-wise team performance (wins vs losses) – Date and team parameters are used under
  columns and winning flag under rows. It show winning and losses of teams over the period of
  time.

- Win %age (home vs away) – here, I have used count if statement to calculate

  win% = count(if [winnig flag] = 1 THEN [id] end) / count(if [winning flag] = 1 or [winning
  flag] = -1 Then [Id] End)*100

  It shows the winning % over the period of time.