**Soccer Player Analysis Report**

**Data Description**

Dataset is about the soccer players overall skills rating by International Federation of Association Football.

contents 89 columns and 18207 observations with 76984 null values before dropping unnecessary features.

* **Features Titles**:

Unnamed:0,ID,Name,Age,Photo,Nationality,Flag,Overall,Potential,Club,ClubLogo,Value,Wage,Special,Preferred Foot, International Reputation, Weak Foot, Skill Moves, Work Rate, Body Type, Real Face, Position, Jersey, Number, Joined, Loaned From, ContractValid,Until,Height,Weight,LS,ST,RS,LW,LF,CF,RF,RW,LAM,CAM,RAM,LM,LCM,CM,RCM,RM,LWB,LDM,CDM,RDM,RWB,LB,LCB,CB,RCB,RB,CrossingFinishingHeadingAccuracyShortPassingVolleysDribbling,CurveFKAccuracyLongPassing, Ball Control, Acceleration, Sprint Speed, Agility, Reactions, Balance, Shot Power, Jumping, Stamina, Strength, Longshots, Aggression, Interceptions, Positioning, Vision, Penalties, Composure, Marking, Standing Tackle, Sliding Tackle, GKDiving, GKHandling, GKKicking, GKPositioning, GKReflex, Release Clause.

After eliminate the unnecessary features number of features dropped to 41 and numbers of null values also dropped to 1836

Handling the null values:

Weight feature was filled up with its mean after removed lbs string

Height feature was filled up with mean after removed the “’”

Position feature all the null rows was dropped after categorized all values in four categories